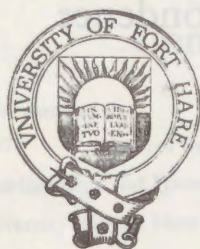




University of Fort Hare
Together in Excellence

C A L E N D A R

1977



UNIVERSITY OF FORT HARE

University of Fort Hare
Together in Excellence

CALENDAR

1977

Hierdie jaarboek is ook in Afrikaans beskikbaar

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All correspondence to be addressed to:

**The Registrar
University of Fort Hare
Private Bag 314
Alice
5700**

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academic departments**

Alice 281

University Librarian

Alice 313

Building Section

(Department of Basic Education)

Alice 349

Fort Hare Farm

Alice 45

Honeydale Farm

Alice 2303



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JANUARY

Sa 1
 Su 2
 M 3
 Tu 4
 W 5
 Th 6
 F 7
 Sa 8
 Su 9
 M 10
 Tu 11
 W 12
 Th 13
 F 14
 Sa 15
 Su 16
 M 17
 Tu 18
 W 19
 Th 20
 F 21
 Sa 22
 Su 23
 M 24
 Tu 25
 W 26
 Th 27
 F 28
 Sa 29
 Su 30
 M 31

Public Holiday: New Year's Day

Hostels open
Lectures commence for pre-arranged post-graduate courses

Academic staff report for duty
Examinations commence



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Examinations cease
Maintenance Committee

FEBRUARY

Tu	1	
W	2	
Th	3	
F	4	Hostels closed except for pre-arranged post-graduate courses Building Extensions Committee
Sa	5	
Su	6	
M	7	Professorial Committee
Tu	8	
W	9	Finance Committee with Deans (Savings)
Th	10	
F	11	
Sa	12	
Su	13	
M	14	
Tu	15	
W	16	
Th	17	Final date: Submission of examination results to Faculty secretaries
F	18	
Sa	19	
Su	20	
M	21	First-year students report at hostels Orientation Course for Academic Staff
Tu	22	Orientation lectures
W	23	Orientation lectures
Th	24	Aptitude tests: First-year students Control Committee of the Agricultural Development Research Institute
F	25	Faculties: Fixed items on the agenda (1) Exclusion of students on academic grounds (2) Examination results (3) Appointment of graduate assistants Aptitude tests: First year students
Sa	26	
Su	27	
M	28	Registration of first-year students Senior students report at hostels



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MARCH

Tu	1	Registration of senior students
W	2	Registration of senior students
Th	3	Registration of senior students
F	4	Publications Committee Final date: Submissions of applications for leave, 1978, to the Registrar
Sa	5	
Su	6	
M	7	First day of first semester: lectures commence
Tu	8	Hostels Committee
W	9	
Th	10	Committee for University Teaching: Fixed item on the agenda: Estimates
F	11	Library Advisory Committee Senate Executive Committee: Urgent Council matters only
Sa	12	
Su	13	
M	14	*Faculties of Law, Science and Economic Sciences
Tu	15	*Faculties of Theology, Arts, Education and Agriculture Finance Committee
W	16	
Th	17	Executive Committee of Council
F	18	Final date: Late registration Final date: Changes in curricula
Sa	19	
Su	20	
M	21	Gardens and Grounds Sub-committee
Tu	22	
W	23	Sports Day
Th	24	
F	25	
Sa	26	
Su	27	
M	28	Professorial Committee
Tu	29	Senate Executive Committee: Fixed items on the agenda (1) Applications for leave: 1978 (2) Final list of graduands
W	30	
Th	31	Research and Capital Equipment Committee



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*Fixed items on the agenda:

- (1) Student affairs
- (2) Submissions for creation of new posts and regrading of existing posts: 1978
- (3) Submissions for new departments and courses: 1978
- (4) Nominations of visiting lecturers
- (5) Departmental list of examiners and moderators for first semester examinations (Faculty of Agriculture only)

APRIL

F	1	Last day of first quarter Maintenance Committee
Sa	2	
Su	3	
M	4	
Tu	5	
W	6	
Th	7	
F	8	Public Holiday: Good Friday
Sa	9	
Su	10	
M	11	Public Holiday: Easter Monday
Tu	12	
W	13	First day of second quarter
Th	14	
F	15	
Sa	16	
Su	17	
M	18	
Tu	19	Senate
W	20	
Th	21	Bursaries Committee
F	22	All lecturers to wear academic dress
Sa	23	Graduation Ceremony
Su	24	
M	25	
Tu	26	Control Committee of the Agricultural Development Research Institute
W	27	
Th	28	*Faculties of Economic Sciences and Agriculture
F	29	Finance Committee
Sa	30	



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*Fixed items on the agenda:

- (1) Departmental lists of examiners and moderators
- (2) Amendment of rules and syllabi
- (3) Substitutes for staff
- (4) The registered degree/diploma, year of study and sex of all students in the Faculty

MAY

Su	1	
M	2	*Faculties of Law and Science
Tu	3	*Faculties of Theology, Arts, and Education
W	4	
Th	5	Advisory Council Faculty of Agriculture: Final date: Despatch of examination papers in draft form to external examiners
F	6	Gardens and Grounds Sub-committee
Sa	7	
Su	8	
M	9	Science Workshop Control Committee Library Advisory Committee
Tu	10	Council
W	11	
Th	12	Computer Centre Control Committee
F	13	Board of Survey
Sa	14	
Su	15	
M	16	Advisory Committee of the Agricultural Development Research Institute
Tu	17	Senate Executive Committee
W	18	
Th	19	Public Holiday: Ascension Day
F	20	
Sa	21	
Su	22	
M	23	Hostels Committee Final date: Submissions of departmental estimates by Deans
Tu	24	
W	25	
Th	26	Building Extensions Committee
F	27	Research and Capital Equipment Committee Fixed item on the agenda: Estimates 1978/79
Sa	28	
Su	29	
M	30	University Closed—No Lectures
Tu	31	Public Holiday: Republic Day



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*Fixed items on the Agenda:

- (1) Departmental lists of examiners and moderators
- (2) Amendment of rules and syllabi
- (3) Substitutes for staff
- (4) The registered degree/diploma, year of study and sex of all students in the Faculty

AUGUST

M	1	
Tu	2	Computer Centre Control Committee
W	3	
Th	4	Library Advisory Committee
F	5	Hostels Committee
Sa	6	
Su	7	
M	8	
Tu	9	Senate Executive Committee
W	10	
Th	11	Committee for University Teaching
F	12	Building Extensions Committee
Sa	13	
Su	14	
M	15	Faculty of Agriculture: Final date despatch of examination papers in draft form to external examiners
Tu	16	
W	17	
Th	18	Research and Capital Equipment Committee: Fixed item on agenda: Registration of projects and progress reports
F	19	Finance Committee
Sa	20	
Su	21	
M	22	
Tu	23	Senate
W	24	
Th	25	Bursaries Committee
F	26	
Sa	27	
Su	28	
M	29	Maintenance Committee
Tu	30	
W	31	



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SEPTEMBER

Th	1	
F	2	
Sa	3	
Su	4	
M	5	Public Holiday: Settlers day
Tu	6	
W	7	Final date: Submission of examination papers to Registrar excluding Faculty of Agriculture
Th	8	Advisory Council
F	9	
Sa	10	
Su	11	
M	12	
Tu	13	
W	14	Faculty of Agriculture: Final date: Submission of examination papers to Registrar
Th	15	
F	16	Council
Sa	17	
Su	18	
M	19	
Tu	20	Library Advisory Committee
W	21	
Th	22	Faculties of Economic Sciences and Agriculture
F	23	
Sa	24	
Su	25	
M	26	Faculties of Law and Science
Tu	27	Faculties of Theology, Arts and Education
W	28	
Th	29	
F	30	Final date: Submission of year marks to Registrar



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DECEMBER

Th	1	
F	2	
Sa	3	
Su	4	
M	5	Maintenance Committee
Tu	6	
W	7	
Th	8	Senate Executive Committee: Examination results
F	9	Last day of second semester
Sa	10	
Su	11	
M	12	
Tu	13	
W	14	
Th	15	
F	16	Public Holiday: Day of the Covenant
Sa	17	
Su	18	
M	19	
Tu	20	
W	21	
Th	22	
F	23	
Sa	24	
Su	25	Christmas Day
M	26	Public Holiday: Family Day
Tu	27	Public Holiday
W	28	
Th	29	
F	30	Final date: Applications for bursaries and loans: 1978
Sa	31	



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Administrative offices close: 23 December to 2 January 1978 inclusive

THE UNIVERSITY OF FORT HARE SOUTH AFRICA

1. The Establishment and History of Fort Hare

The opening of Fort Hare University College on the 8th February, 1916, was the culmination of a long and persistent missionary endeavour in the field of Bantu Education by the United Free Church of Scotland. As early as 1878 Dr. James Stewart of Lovedale recognised the necessity for providing an Institution which would give an education, under Christian auspices, of University standing.

On representations made by Dr. Stewart, the Inter-Colonial Native Affairs Commission, 1905, of which Sir Godfrey Lagden was president, recommended "that a Central Native College or similar Institution be established and aided by the various States for training Native teachers and in order to afford opportunity for higher education to Native students."

A guarantee fund was established for which an executive board under the chairmanship of the Rev. James Henderson, M.A., Principal of Lovedale, was established in 1907. A grant of R20 000 was made towards the fund by the Transkeian Territories General Council. The United Free Church of Scotland offered a site at Fort Hare as part of a contribution of R10 000 and other contributions were made or promised.

In November, 1914, a Constitution for the College was finally adopted and a Governing Council for the College established which held its first meeting in January, 1915. The site offered at Fort Hare for the College by the United Free Church of Scotland was accepted and with the promise of an annual grant by the Government, the College was declared open on the 8th of February, 1916, by General Louis Botha, Prime Minister of the Union of South Africa.

Dr. A. Kerr was the Principal of the College since its foundation in 1916 and he served the College in this capacity until his retirement in 1948. The extension and development of the College under Principal Kerr is a fitting tribute to a life of unselfish and devoted service to the cause he had made the aim and ambition of his life.

Professor C. P. Dent, who joined the staff in 1922, was Principal from March, 1949. He retired at the end of 1955 owing to ill-health after 33 years of devoted service to the College.

Since 1955 the post of Principal was not filled permanently, temporary appointments being made from time to time. Professor H. R. Burrows who had recently retired from the Chair in Economics at the University of Natal, acted as Principal from the beginning of 1958 to the end of 1959 when the College was transferred to the Department of Bantu Education and Prof. J. J. Ross appointed as Rector of the College.

After the retirement of Prof. Ross, Prof. J. M. de Wet was appointed Rector with effect from 1st July, 1968.

Fort Hare as a College had, of course, only a very small and tentative beginning. A start was made by the College at two levels. While a few students were prepared for university entrance, the majority had to make good the deficiencies of their post-primary education or study for diplomas in Commerce and Agriculture. Fulltime staff numbered two; classes were held in a small bungalow which was to be "home" for the first five years.

In 1918, the Union Government lent R21 600 to build the middle portion of the main tuition block, which the Governing Council unanimously agreed to associate with

the name of Dr. Stewart. In spite of the difficulty of war conditions, the erection of the first permanent building of the College was ensured. In the same year the Wesleyan Methodist Church of South Africa, which had been interested in the scheme from its inception, determined to proceed immediately with a hostel to accommodate students belonging to that denomination and, availing itself of opportunities provided by the Governing Council, resolved to transfer its Theological Seminary for Native Ministers to Fort Hare.

The Administration of Basutoland began in 1919 to contribute an annual grant of R600 to the funds of the College and sent a representative to sit on the Governing Council of the College. The first portion of Stewart Hall was completed and taken over for teaching in 1920. This was formally opened by the Rt. Hon. F. S. Malan, Minister for Education, on January 8th, 1921. A Wesleyan hostel and warden's residence were completed and the warden appointed to the staff in the same year and the Church of the Province rented a house as a temporary hostel and the warden was made a member of the College staff.

The College was incorporated as an institution for higher education under the Education Act of 1923. Students were prepared for the degrees of the University of South Africa, a federal university consisting of a number of constituent colleges—Cape Town, Stellenbosch and Witwatersrand were already independent universities. Fort Hare was not one of these colleges and its students were registered as external students. The University, however, eventually allowed to Fort Hare some of the privileges granted to the Constituent Colleges.

Five members of the staff of Fort Hare were appointed as additional members of the Boards of Faculties of the Senate of the University, thus giving them a share in the framing of regulations, syllabuses and courses of study. Further, professors and lecturers of the College were accorded the status of internal examiners. Students were granted, *inter alia*, privileges afforded internal students, and Fort Hare was recognised as an approved institution of training for the University Education Diploma. Although from 1924 the College assumed the dual role of a secondary school and a University College, by 1937 it was possible to concentrate on the studies of a higher education programme.

Beginning in 1921, buildings were erected: for Arts and Science; a Library named after a great Johannesburg liberal of bygone days, Howard Pim; and the F. S. Malan Anthropological Museum together with an assembly hall, dining hall, three hostels for men, one for women—all built to a master plan drawn up by the Department of Public Works and all capable of extension and addition. There are now seventy staff houses. While substantial contributions have been made by donors, the main financing a part from Government subsidies has been that of the three co-operating churches. In addition the Y.M.C.A.'s of the United States and Canada provided a Christian Union building.

To improve agricultural training an additional farm of 1 250 acres and dairy cattle were purchased in 1926. The College Farm land was thus brought up to a total of some 1 600 acres.

In 1934 the Chamber of Mines gave R150 000 as an endowment for Native Medical Education and this was handed over to the College for that purpose by the Minister of Education. In the same year separate departments of Botany and Physics were established, making a B.Sc. course possible. In March, 1936, Senator the Rt. Hon. F. S. Malan laid the foundation stone of the new Science Block for Chemistry, Physics

and Medicine. This was named Livingstone Hall and declared open by the Hon. J. H. Hofmeyr, M.A., LL.D., on March 24th, 1937.

On November 8th, 1940, the Welsh Wing of Stewart Hall, which housed the Biological laboratories and lecture-rooms, was declared open by Senator the Hon. W. T. Welsh. Towards the cost of this the Transkei gave R2000 in recognition of the services of Senator Welsh as Chief Magistrate from 1920-1933. On April 5th, 1941, the Women's Hostel (Elukhanyisweni) was declared open by Mrs. M. Ballinger, M.A., M.P.

Henderson Hall, housing the Howard Pim Library and the F. S. Malan Museum, was declared open on March 28th, 1942, by Rev. A. W. Wilkie, D.D., C.B.E. On September 20th, 1946, Lt.-Col. James Donaldson, D.S.O., founder of the Bantu Welfare Trust and donor of about R400 000 to African progress, laid the foundation stone of the Donaldson Wing of Stewart Hall, thus completing the original teaching block of the College.

During 1947 and 1948 the Presbyterian, Methodist and Anglican Hostels were extended, thus making provision for over 300 men students. A dining hall and additional bedrooms were completed at the Women's Hostel in 1949. Yet between 1937 and 1951 development was retarded through the absence of staff on war service and because of financial stringency. By 1950, however, the student roll had increased from 139 to 382.

As it became clear that some of the constituent colleges of the University of South Africa would eventually branch out into independent universities, the Government appointed a commission to report upon the future structure of higher education in South Africa. This commission recommended that the existing constituent colleges, with the exception of Huguenot University College, should be accorded independent university status and Fort Hare affiliated to one of the independent universities. In March of 1951 Fort Hare became allied to its nearest friend and neighbour, Rhodes University, sixty miles away. This association was most valuable to Fort Hare; it gave the assurance that her students continued to be measured by the academic standards applied to Europeans.

2. Transfer of Fort Hare University College to the Department of Bantu Education

In accordance with Government Notice No. 168, 1959 (*Government Gazette* of 21st August, 1959, p. 12) issued in terms of sub-section (2) of the University College of Fort Hare Transfer Act, 1959 (Act No. 64 of 1959,) the maintenance, management and control of the University College of Fort Hare was assigned to the Minister of Bantu Education with effect from the 1st January, 1960.

The transfer of the college to the Department of Bantu Education has been effected as a necessary step in the implementation by the Government of its policy to provide more adequate and more effective university training for the Bantu by the creation of separate university colleges for the different ethnic groups, and to remove the limitations and anomalies arising from a system of so-called "open" universities.

The University College of Fort Hare caters specifically for the Xhosa-speaking group of the Bantu. The University Colleges at Turfloop (Northern Transvaal) and Ngoye (Zululand) cater for the Sotho and the Zulu-speaking groups respectively. Coloured students have been provided for at the Western Cape University College at Bellville (Cape) and a University College in Natal has been founded for Indian students.

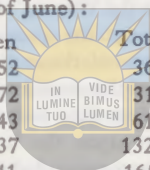
The Act provided for the University of South Africa to act as examiner in all courses for which the syllabus of the University makes provision. In regard to the prescribing of courses and the conduct of examinations, there has been the closest co-operation between the University College and the University of South Africa.

In addition to the new faculties and departments introduced since 1960, a department of Land Surveying has been introduced as from 1966.

During 1962/63 a beginning was made with a comprehensive programme for the extension of buildings. Since then buildings completed include a new administrative block, the extension of Stewart Hall to provide additional staff offices, the extension of Livingstone Hall to provide additional laboratories and lecture rooms to accommodate the departments of Natural Sciences more satisfactorily and a new and separate building to accommodate the Library. New hostel accommodation for both men and women students has been completed. Comprehensive plans for building extension during the next few years have been approved.

The enrolment since 1960, the year of the transfer, was as follows (the figures are the official figures as on the first Tuesday of June):

	Men	Women	Total
1960	308	52	360
1965	245	72	317
1970	470	143	613
1975	883	437	1320
1976	1110	541	1651



The drop in enrolment for the first few years was, of course, anticipated in view of the opening of the two other University Colleges for the Bantu and the University College for Coloured students at Bellville and for Indian students at Durban. Prior to the transfer the students now registered at these other new University Colleges would normally have registered at Fort Hare. The low-water mark was reached in 1963 since which year there has been a marked increase as the number of Xhosa-speaking students from the high schools who qualified for registration, increased very rapidly. There is every reason to expect that the marked increase in enrolment will be maintained and even surpassed during the following years.

It follows that the programme for the expansion of buildings and academic facilities will have to be stepped up considerably. In this regard the Department of Bantu Education has already instituted a Planning Committee to plan in advance, and on a long-term basis, for the necessary expansion.

3. University of Fort Hare

In terms of Government Notice No. 680 (Government Gazette of 30th April 1969) the University of Fort Hare Act (Act No. 40, 1969) granted University status to the University College of Fort Hare and provided for the administration and control of the affairs of the University, and for the regulation of its activities and matters incidental thereto.

As from 1st January 1970 the University College became a University, known as the University of Fort Hare. The first Chancellor of the University, Dr. P. E. Rousseau was inducted during the 1970 graduation ceremony and Independence Festivities held on the 30th May, 1970. The Act provides that the Rector is Vice-Chancellor *ex officio*, and

consequently the serving Rector, Prof. J. M. de Wet, became the first Vice-Chancellor of the autonomous University.

The Act states that the University shall serve the Xhosa National Unit.

The high standard of the degrees of the University is protected by the appointment, as additional members of Senate, of professors of other universities, for as long as may be considered necessary, and also by a system of external examiners and/or moderators.

Fort Hare will therefore in future be in a position to adapt both the content of its curricula and the methods of presentation more effectively and more adequately to the needs of the people it serves, without in any way sacrificing the high standards of university education.

The Seventies introduced a new era of development when the total student enrollment more than doubled during the first half of the decade, namely from 613 in 1970 to 1320 in 1975.

During this time buildings to house the Faculties of Agriculture, Economic Sciences, Law, the Department of Chemistry and a lecture hall complex were completed, as well as additions to the residences for men and women students. During 1976 an extensive road building and campus development programme was commenced.

The University was granted the authority to negotiate loans, and to enter into building contracts with outside firms when the construction staff of the Department of Bantu Education could not keep up with the rate of expansion.

New departments in the fields of Music, Fine Arts and Applied Computer Science were created, while important innovations for teacher training were introduced.

With the rapid growth it became clear that the available land for the extension of the University was limited, and that additional ground would have to be sought. After a thorough investigation of the various possibilities it was decided to approach the Federal Theological Seminary with a view to the purchase of their property. After protracted negotiations, the Minister expropriated the property at the end of 1974, thus making the East Campus available which the University took into immediate use for the housing of students and black staff members. A further portion of land named Napier Park was also taken over as an extension of the experimental farm.

The Dutch Reformed Church's Centre for the training of Black ministers in Umtata, Decoligny, entered into an agreement with the University whereby Fort Hare degrees would be awarded to their students, as long as certain requirements were complied with.

Since 1975 five Black members have been nominated to the Council of the University. From 1976 a branch of the University was established at Umtata, and this has become the nucleus of an autonomous University of Transkei in terms of legislation adopted by Parliament of Transkei from 1 January 1977. Professor B. de V. van der Merwe has been appointed to head the branch with the designation of Rector's Representative.

Classes in 12 disciplines leading to the obtaining of the B.A. degree will be offered to full-time and part-time students after hours, and the introduction of further courses is already being considered.

In 1976 a chair in Agricultural Engineering generously sponsored by the Massey-Ferguson Foundation for Advanced Education and Research was established. The Department of Bantu Education also approved the formation of the Agricultural Development Research Institute which it is expected will commence operations in 1977.

REGULATIONS IN CONNECTION WITH THE ADMISSION AND REGISTRATION OF STUDENTS

I. ADMISSION

1. In these regulations "admission" means approval to report for registration as a student at the University, irrespective of whether or not the prospective student has previously been registered as a student.

2. Application for admission must be made by post on the prescribed form. Application for admission in person is not allowed.

3. The form of application must be completed in detail and signed by the prospective student and his parent or guardian before a commissioner of oaths. The completed form must be sent to the Registrar so as to reach him on or before the date indicated on the form.

4. Each application for admission must be accompanied by the following :—

(i) As regards new students a testimonial of good conduct may be obtained from a minister of religion, Bantu Affairs Commissioner or District Magistrate or Principal of the last school attended.

(ii) a medical certificate of health on the prescribed form.

(iii) in the case of a prospective student who wishes to register for the first time, if a certificate has not yet been issued, some form of proof that he complies with the necessary prerequisites for the course or courses for which he desires to register.

5. No prospective student may report for registration at the University unless he has been notified by the Registrar in writing that he has been admitted.

6. Notwithstanding "admission" as defined above, the University is not obliged to register a prospective student unless he also complies with the requirements for registration.

II. REGISTRATION

No candidate for registration shall be registered unless he satisfies the Registrar in regard to each of the following requirements :—

(1) Each prospective student must report for registration at the office designated for this purpose, on the date and during the times laid down. No candidate shall be allowed to report for registration after the last date and time laid down, unless the written consent of the Rector for such late registration has been obtained, and an additional late registration fee of R6 has been paid.

(2) At the time of reporting for registration the written permission to report for registration must be produced (see I : 6 above).

(3) Each candidate for registration must complete and sign the prescribed registration form. By his signature on the registration form, a candidate will signify that he has undertaken strictly to comply with all the rules and regulations of the University, including those of the hostel where he may reside. He also agrees to reside at the particular hostel to which he may have been assigned.

(4) The account of each student to whom a bursary, loan or other allowance is payable, will only be credited with the amount of such bursary, loan or allowance after completion of the prescribed forms. If a student's bursaries and/

- or loans represent two-thirds or more of the total fees prescribed, the balance due must be paid on the date of registration. Fees are payable in advance.
- (5) Each prospective student must submit to the Registrar an approval of the courses he intends to follow, signed by the Dean of the Faculty concerned. In choosing courses of study, the time-table must be consulted so as to avoid clashes.
 - (6) No candidate shall be registered as a student unless he is admitted as a resident student to one of the hostels, except if he has a written exemption by the Rector from such residence.
 - (7) The registration of first year students is subject to the suspensive condition that each such student shall submit his matriculation certificate, or his exemption therefrom, or any other qualification required for admission to a particular course, to the Registrar for noting purposes, on or before the 30th of May, during the year in which the student is registered for the first time.
 - (8) If in the opinion of the Minister, it is not in the interest of the institution to register a candidate who reports for registration, he may refuse to allow such a candidate to be registered, even if such a candidate complies with all the other conditions of registration.
 - (9) On registration, each registered student shall be supplied with a registration card which will serve as evidence that he has been registered as a student.
 - (10) Nobody who has not been registered as a student may attend lectures, use a hostel or dining-room, or avail himself of any privilege whatsoever which may be offered by the Institution.

PROCEDURE FOR CHANGING COURSES

- (1) No student will be permitted to change his courses after the date set down in the Diary.
- (2) If a student wishes to change his courses, he must obtain a "Change of Courses" form from the Students' Registration Office. The changes in curriculum must be approved by the Dean of the Faculty who will then return the form to the Students' Registration Office.

STUDENT DISCIPLINE

Article 24(1) of Act 40 of 1969:

A student of the University shall be subject to the disciplinary provisions prescribed by statute or by rules made by the Council.

Paragraphs 43 and 44 of the Statute, as published in Government Notice R.2001 dated 5 November, 1971:

General supervision and control

43. (1) The general supervision and control of the discipline of students shall be vested in the Council which may delegate its powers, as it thinks fit, in accordance with rules made by it.
- (2) The rules shall make provisions for the following—
 - (a) a definition of misconduct which renders a student liable to disciplinary measures;

- (b) notice, in writing, to a student of the nature of a charge or charges against him;
 - (c) the right of an accused student to defend himself; and
 - (d) the penalty or penalties which may be imposed following a conviction.
- (3) The rules may provide for an appeal to the Council against the verdict of the Students' Disciplinary Committee or only against the penalty or penalties imposed by it.

Students' Disciplinary Committee

44. There shall be a Students' Disciplinary Committee of which the membership, composition at a particular inquiry, powers and procedure shall be as prescribed in the rules referred to in paragraph 43.

RULES FOR STUDENTS

Rules for students are circulated to students during the registration period at the commencement of each academic year. Any student who does not receive a copy should obtain one from the Students' Registration Officer.

Each student must familiarise himself with the Rules.

When a Student must leave the Hostel

- (1) Should a student who resides in a hostel fail to be admitted to the examinations on account of poor academic progress during any year, he shall leave the hostel when lectures cease.
- (2) A student who resides in a hostel shall leave such hostel not later than three days after his examinations.

FEES PAYABLE TO THE UNIVERSITY

BOARD AND LODGING

- (1) A full-time student shall pay to the University *two hundred and fifty rand* (R250) p.a. for board and lodging, if he is required to reside in a hostel of the University.
 - (2) An occasional student shall pay to the university *one rand and forty cents* (R1,40) per day or part of a day up to a maximum of *forty five rand* (R45) per month if he resides in a hostel of the University.
 - (3) A casual visitor shall pay to the University *one rand and forty cents* (R1,40) per day or part of a day if he resides in a hostel of the University, or *seventy cents* (70c) per meal, as the case may be.
 - (4) A full-time or an occasional student shall pay to the University a room charge of *forty cents* (40c) per day if he resides in a hostel of the University during periods when the hostels and/or dining halls are officially closed and no food is provided.
- Students writing supplementary examinations, post-graduate students and all other students arriving before the date on which they must report (see diary) must make prior arrangements with the Accountant. Additional boarding fees are payable in advance.

REGISTRATION FEE

- (1) A student shall pay a registration fee of *twelve rand* (R12) per year.
- (2) An additional amount of *six rand* (R6) shall be payable in respect of any late enrolment.

COMPOSITE FEES

(Including examination, laboratory and library fees).

Undergraduate.

(i) Faculty of Education.

All Bachelor's degrees and Diplomas. First year—as for the first year of study for the degree concerned

Subsequent years R175

(ii) Faculties of Arts, Economic Sciences, Law and Theology.

B.A. (S.W.) and Diploma (S.W.) R210

All other Bachelor's degrees and Diplomas R195

(iii) Faculties of Science and Agriculture.

All Bachelor's degrees and Diplomas R210

2. Post-graduate (including library and examination fees)

(i) Faculties of Education, Arts, Economic Sciences, Law and Theology

LL.B. and Higher Diploma in Library Science R135

U.E.D. R135

All Bachelor's degrees and Diplomas R145

Master's Degrees R115

Doctor's Degrees R155

(ii) Faculties of Science and Agriculture.

All Bachelor's degrees and Diplomas R165

Master's Degrees R135

Doctor's Degrees R165

OTHER FEES

Special, Aegrotat or Supplementary Examination and Local Fees

1. (a) The fees for any special, aegrotat or supplementary examination shall be *fifteen rand* (R15) per course.
- (b) The fees payable for medical aid, sport and recreation amount to *twelve rand* (R12) per annum.

Indemnity Deposit

2. A deposit of *fifty rand* (R50) is payable by all students. This amount is refundable when the student finally leaves the University and will be repaid after the close of registration in the year following the student's final departure. The cost of repairs of any damage to University property must immediately be made good by the responsible student. The indemnity deposit is to remain constant during the year.

Resubmission of a Thesis

3. The fee for the resubmission of a thesis for a Master's degree shall be *fifty rand* (R50) and for a Doctor's degree *ninety rand* (R90).

Advance Statements

4. The fee for an advance statement in respect of a completed degree, diploma or certificate shall be *one rand* (R1).

Certified Statements

5. A certified statement in respect of courses passed towards a degree, diploma or certificate shall be supplied on application and on payment of a fee of *one rand* (R1).

Duplicates of Diplomas and Certificates

6. A duplicate of a diploma or certificate shall not be issued, but a certified statement, bearing the university arms and giving the title and date of the diploma or certificate, shall be supplied on application and on payment of a fee of *three rand* (3-00).

Special Students

7. A student taking a course of study for which no degree, diploma or certificate is awarded, shall pay a fee of *thirty five rand* (R35) per course per year in addition to the registration fee.

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Graduation, Exemption and Status Fees

8. The fees payable in respect of graduation, exemption and status shall be as follows:

Graduation	:	In praesentia	:	Nil
		In absentia	:	R10
Exemption	:			R3 per course
Status	:			R9

Foreign Students

9. Additional levy of R120

GENERAL PROVISIONS

Liability of Students

1. A student shall be fully liable for all fees payable by him in terms of these regulations.

When Fees must be paid

2. (1) The registration fee and indemnity deposit shall be payable on registration.

(2) Board and lodging, composite and local fees are payable on registration day, but may be paid in three equal instalments which are payable as follows:

First payment: On or before registration.

Second payment: On or before the first day of May.

Third payment: On or before the first day of August.

N.B.—Credits in students fee accounts will be refunded on the third Friday of every month. No refunds will be made unless the fees for the full year have been paid.

(3) Notwithstanding the provisions of subregulation (2), the tuition and examination fees of a student in one of the following courses of study shall be payable during the first year of study:—

- | | |
|---------------------|----------------------|
| (a) B.Ed. degree. | (c) Master's degree. |
| (b) Honours degree. | (d) Doctor's degree. |

(4) All other fees, apart from the fees mentioned in subregulations (1) and (2), shall be payable in such manner and at such times as the Council of the University may determine.



Default of Payment

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3. In the case of a student who fails to pay the fees for which he is liable on the dates as prescribed in these regulations, the Council may—
- exclude such student from a hostel; or
 - exclude such student from lectures; or
 - exclude such student from both hostel and lectures; or
 - refuse admission to examinations to such student.

Remission of Fees for Board and Lodging and Other Fees

4. (1) In the case of a student who resides in a hostel and is prevented by illness, or by any other reason approved by the council, from completing his studies in the year of study concerned, and leaves such hostel before 1 October, the Council may, on the recommendation of the Rector, reduce the fees payable for board and lodging on the basis of *two hundred and fifty rand* (R250) less *one rand and forty five cents* (R1-40) for each day the student resided in the hostel.

(2) The registration and local fee shall under no circumstances be refunded.

(3) If a student, for some reason or other acceptable to the Council, abandons his studies during any year of study and leaves the university, before 1 October, part of the fees [excluding fees provided for in subregulation (2) paid by him to the University] may be refunded to him on a basis approved by the Secretary for Bantu Education after consultation with the Treasury: Provided that the University is notified in writing of the reason for and the cancellation of his registration.

PAYMENT OF FEES

All sums paid by or on behalf of students will be credited to their fee accounts until their fees for the year have been met in full. Until this is the case, *no refund will be made* in respect of overpayment of any instalment.

Example showing method of applying awards to fees due

Fees of student for year (Less R12 Registration Fee and R50 Indemnity Deposit)		R455
Awards held :—		
Regional authority grant	R130	
University bursary	R130	R260
Amount to be paid by student.....		R195

The amount of R195 is payable in instalments of R65 each on the specified dates.

Note carefully, the awards held are set against the fees for the year.

In regard to State or University loans, students must note that the loan is only effective after due completion of the loan agreement form. No credit will be allowed in respect of a loan until the agreement form has been fully and properly completed. Students are warned that in their own interests they must bring with them not less than R225 for the first instalment of fees as failure to do so renders the student liable to be called upon to withdraw from the University.

Even if the first instalment is paid in full, it will be the duty of every student who has been awarded a University or State loan, to obtain the loan agreement form from the Accounts office as soon as he is advised of the award and to see that it is properly completed and handed to the Accountant in order to ensure that he receives credit for the loan.

Students who have been awarded bursaries, must provide the accounts department with *written proof of the award*, otherwise the bursary will be ignored in the calculation of instalments.

Students, parents and guardians are expected to acquaint themselves with the fees due. The University does not undertake to send accounts in this connection.

Fees must be sent direct to the Registrar and not to students. Pocket and book money must be sent to students direct.

The University cannot allow any student to remain who arrives without the necessary cash or documents or whose fees are not promptly and fully paid.

Students should on no account deposit with the University any money intended for their personal use. A bank or Post Office Savings Account should be used.

FINANCIAL AID TO STUDENTS

General Information on Bursaries and Loans

The official Bursaries Committee of the University controls and gives a large number of bursaries and loans to students every year. This money comes from the Government as well as private firms and persons (see list on pages 15, 16, 17 and 18).

The following points are of importance :

1. Application for a bursary or loan must be made on the form marked "Application form for Bursaries, Scholarships and loans awarded by the University." (Different forms

for senior and new students). These forms are obtainable from the Student Registration Officer.

2. An application for a bursary or loan must be sent in a *separate envelope* addressed as follows: The Secretary, Bursaries Committee, Private Bag 314, Alice 5700.

3. *Closing date is 31st December* (all applications must reach this office by this date.)

4. Late applications will only be considered in highly exceptional circumstances.

5. Application for a bursary or loan must be made *each year*. Bursaries and loans are awarded for one year at a time only and students must re-apply every year.

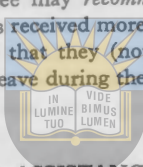
6. Bursaries and loans are awarded only to those who *have been admitted* to the University *and* who obtained *good results* in their year-end examinations. (E and D Symbols are not considered good). Students who fail their examinations will not get any awards.

7. Students will be advised of the results of their bursary applications by about the middle of February.

8. As bursaries and loans *do not cover all the fees*, students have to find the rest of the money themselves.

9. The Bursaries Committee may *recommend withdrawal or reduction* of awards where it considers the student has *received more* money than is necessary.

10. Students are reminded that they (not the donor) will be held responsible for payment of fees should they leave *during the* year and remission is not allowed.



FINANCIAL ASSISTANCE TO STUDENTS

University of Fort Hare Conditions attaching to Study Loans

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1. (1) Any student to whom a study loan is granted shall conclude a study loan agreement with the Council on a form approved by the Secretary of Bantu Education. If the loan agreement is not completed by student and surety within a reasonable period, the loan may be withdrawn by the Council.

(2) The account of a loan holder shall be credited yearly with the granted instalment of the loan.

(3) No moneys shall be payable direct to a loan holder.

(4) If a loan holder—

(a) abandons his studies; or

(b) fails to attend classes regularly, or does not apply himself diligently and conscientiously to his studies, or does not make satisfactory progress, or fails his examinations; or

(c) without reasons acceptable to the Council, fails to complete the course of study within the determined period; or

(d) is found guilty of a criminal offence; or

(e) is for whatever reason suspended from the university; or

(f) for whatever reason fails to complete the course of study, the Council shall have the right to terminate the study loan agreement, in which case all moneys due by the loan holder in terms of the study loan agreement shall immediately become claimable together with interest at 6 per cent per annum calculated from the date of termination of the study loan agreement.

(5) Any study loan shall, subject to the provisions of the Act, be repayable to

the Council of the University on 1st April of the year following the year in which the course of study has been completed: Provided that the Council may approve that the study loan be repaid over a longer period in instalments of not less than *ten rand* (R10) per month, and in which case interest at the rate of 6 per cent per annum shall be levied from the date the study loan becomes repayable.

(6) As soon as the loan holder, after completion of his course of study, accepts a post, he shall immediately notify the Council of the name and address of his employer.

(7) The loan holder shall, after completion of his course of study, immediately notify the Council of any changes in respect of—

- (a) his residential and working address;
- (b) the address of his surety;
- (c) the name and address of his employer.

(8) The provisions of subregulations (6) and (7) shall also apply to any loan holder whose loan agreement has been terminated by the Council in terms of subregulation (4).

(9) The loan holder shall authorise his employer to recover the amount due to the Council in terms of the study loan agreement, together with any interest, in monthly instalments of not less than *ten rand* (R10) per month from any salary payable to him and to pay it over to the Council.

(10) Notwithstanding anything to the contrary contained in these regulations, any loan shall be interest-free as long as the loan holder, with or without a study loan, studies full time at a university, and a loan shall not be repayable during such period.

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Postponement of Termination of Study Loan Agreement

2. Notwithstanding anything to the contrary contained in these regulations, the Council may postpone the termination of a study loan agreement if a loan holder—

- (a) fails in any year of study or passes in his final year but does not fully qualify for the award of a degree, diploma or certificate, and such loan holder repeats at his own expense the year of study concerned or the missing courses or subjects at the university in the subsequent year;
- (b) interrupts his studies on account of financial difficulties, and takes up employment with the purpose of saving money to enable him to return to the university as a full-time student: Provided that—
 - (i) the loan holder shall obtain the prior approval of the Council for such interruption;
 - (ii) such interruption shall not be for longer than 2 years; and
 - (iii) the Council shall have the right to terminate the study loan agreement with retrospective effect as from the date on which the studies were initially interrupted if the loan holder fails to continue his studies at the university;
- (c) interrupts his studies on account of illness or for some reason or other acceptable to the Council, and intends to return to the university after such interruption as a full-time student to continue his studies: Provided that:—
 - (i) in the case of illness, the loan holder shall, as soon as possible, submit to the Council a medical certificate issued by a registered medical practitioner;
 - (ii) in the case of other reasons, the loan holder shall obtain the prior approval of the Council for such interruption;

- (iii) such interruption shall not be for longer than 2 years; and
- (iv) the Council shall have the right to terminate the study loan agreement with retrospective effect as from the date on which the studies were initially interrupted, if the student fails to continue his studies at the university.

Exemption of Surety

3. Should a loan holder, during his studies or after completion thereof, but before the loan has been repaid, die or become mentally disordered, or otherwise become physically incapable of fulfilling his obligations under the study loan agreement, and the debts cannot be recovered from the estate of such loan holder, or from such loan holder himself, the council may release the surety from his contractual obligations.

Accounts and Records

4. (1) The council shall maintain such accounts and records as are essential for the proper exercise of control over grants, payments and recoveries of study loans.

(2) The Secretary for Bantu Education may at any time order that the accounts and records referred to in subregulation (1) be submitted by the Council to him or to an officer designated by him, for inspection.

Writing-off of Study Loans

5. No irrecoverable loans shall be written-off without the approval of the Secretary.

SCHOLARSHIPS, BURSARIES AND LOANS

The above may be divided into three main groups.

- A. Awards allocated by the Bursaries Committee of the University.
- B. Awards made independently by other bodies.
- C. Awards for medical studies.

All awards are subject to satisfactory conduct and progress. The University may revise an award, or advise another body to do so, where it considers that awards in excess of reasonable needs have been secured by a student.

GROUP A.

- | | |
|----------------------|-------------------|
| 1 State Study Loans: | |
| B.A. and B.Sc. | Maximum R150 p.a. |
| U.E.D. | „ R200 p.a. |
| S.T.D. | „ R200 p.a. |

Other Diploma Courses. Maximum awards of R100.00 p.a.

State study loans of R200 per year, to students who intend following Teaching careers, will be awarded on a non-repayable basis provided that:

- (i) the prescribed number of Teaching courses are followed
- (ii) after graduating the student undertakes to work for the Bantu Education Department for a period not less than the duration of the loan.

2. B.P. Southern Africa (Pty) Ltd., Bursary. Bursaries to needy students.

3. The Bantu Investment Corporation of S.A. (Ltd.) provides bursaries of R350 p.a. each for students in Commerce and Administration and of R450 p.a. each for students in Agriculture. Successful candidates must undertake to work at the Corporation, a Government Department or Territorial Authority during University vacations, and after completion of the course must report for employment at an approved institution.

4. Berkshire Bursary. One bursary of R300 per year. Preference given to children of employees.

5. Burroughs Machines Bursary—R300 per year for a needy Bantu Male studying for the B.Sc. degree. Preferably a matriculant from the Orlando High School.

6. Caltex Bursaries. Eight bursaries of R250 per year.

7. Fertilizer Society of S.A. Annual grant of R400 p.a. for agricultural purposes.

8. Fidelity Bank and Trust Company Limited allocates a bursary of R300 p.a. to a young man preferably from the Port Elizabeth area.

9. Ford Motor Company of S.A.

10. General Motors S.A. (Pty.) Ltd. donates R3 000 annually towards bursaries.

11. The J. H. Hofmeyr Scholarship Fund (established under the will of the late Mrs. D. C. Hofmeyr) provides two scholarships of R400 each tenable for three years, open to undergraduate male students under the age of 23 years.

12. Hoover S.A. (Pty) Ltd.)

13. The Iron and Steel Corporation (ISCOR) provides five awards of R160 p.a. each tenable for three years, open to under-graduate students.

14. Homes Trust Life Bursaries of R400 p.a. are available for men studying towards the B.A. or B.Comm. degrees.

15. Johnson & Johnson bursaries of R400 each.

16. Livestock and Meat Industries Control Board. Two bursaries of R200 p.a. tenable for three years each to Agriculture students.

17. Massey Ferguson (South Africa) Foundation for advanced Education and Research provides a sum of R1 000 annually towards bursaries for students in the Faculty of Agriculture.

18. Natal Building Society donates a bursary of R200 p.a. to a deserving student.

19. National Study Loan and Bursary Fund provides a large number of loans.

20. Norton Company of Isando donates R300 p.a. towards bursaries.

21. Reckitt and Colman Dettol Scholarships.

22. Robert Niven Trust—R4 000 per annum to needy students as recommended by the University.

23. SAICCOR (Pty.) Ltd. donates R250 p.a. as a bursary for Chemistry students.

24. Sales House Scholarship Awards; Three bursaries of R500 each for undergraduates in the Faculties of Economic Sciences and Science.

25. Shatterprufe Safety Glass Co. (Pty.) Ltd. Bursary of R400 p.a.

26. Shell bursaries. An amount of R1 000 is donated annually to the advancement of promising students.

27. Union Festival Bursaries—Bursaries of R200 each, tenable for two years are provided through the Department of Bantu Education for post-graduate students.

28. Wilson-Rowntree (Pty) Ltd.—R300 p.a. for a needy student taking personnel management.

GROUP B.

Awards are made by the undernoted bodies, independent of the University. A complete list cannot be given, for bodies may enter or withdraw as donors without advising the University:

1. The Adams College Educational Trust, P.O. Box 1849, Durban 4000 gives grants and loans of varying amounts to approved students.
2. The Dr. Alexander Kerr Bursary Fund allocates annually four bursaries of R50 as book grants to students who are preferably members of the Presbyterian Church of Southern Africa. Enquiries and applications should be submitted to Professor J. T. Davidson, Gaga Street, Alice 5700.
3. Bantu Mining Corporation, P.O. Box 2642, Pretoria 0001. Bursaries for students majoring in Geology.
4. Barlow Rand Bursary, P.O. Box 4862, Johannesburg 2000. One or two bursaries of R200.
5. The Council for Scientific and Industrial Research (C.S.I.R.) provides valuable research grants ranging up to R700-00 open to competition by post-graduate students.
6. De Beers Group Scholarships. Available for matriculants to follow degrees in Commerce/Accountancy, Computer Science, Geology or Mining Geology, and pure Science. The latter is only allocated if the Science degree is followed by an Engineering degree. The Scholarship covers tuition and residence fees plus a cash allowance of R500 per annum. Renewable every year. Successful candidates must serve the company for two years after completion of degree. Application forms are available from: The General Secretary, De Beers Consolidated Mines Limited, P.O. Box 616, Kimberley, 8300.
Closing date: 31 October. *Together in Excellence*
7. Fedchem, P.O. Box 61897, Marshalltown, 2107. Three bursaries of R1250,00 each to deserving post-graduate students in Chemistry or associated directions.
8. General Mining/Federale Mynbou Bursaries. A number of bursaries is available for any discipline. The bursaries include payment of lecture and accommodation fees, plus a further R200 for books, etc. There is no obligation to join the Group after graduation. Apply before August 31, to:
The Secretary: Bursary Fund, General Mining and Finance Corp. Ltd., P.O. Box 61820, Marshalltown, 2107.
9. Guy Sutton Memorial Bursary for students taking mechanical engineering or chemistry. Applications to be received by the Registrar by 30th September each year.
10. Grace Morkel bursary of R100 per year to a deserving blind or partially sighted student of any race. Apply to The Director, S.A. National Council for the Blind, P.O. Box 1343, Pretoria, 0001.
11. The Human Sciences Research Council provides both bursaries and ad hoc grants for post-graduate research.
12. The Homeland Governments give varying grants.
13. Johnnies Bursary Scheme: Category B. To undergraduate students in B.Sc. (Engineering), Mining Geology, B.Sc. (Geology). The bursary covers tuition and residence fees plus a cash allowance of R350. Renewable every year subject to satisfactory progress. Application forms available from: Group Personnel Manager, P.O. Box 590, Johannesburg, 2000. Closing date: 15 January.
14. Grants are made by a number of Municipal Councils, e.g. Pretoria, Port Elizabeth and East London. These are usually approximate to the fees payable. Students

resident in municipal areas are advised to ascertain if their Council are open to entertain applications for awards.

15. Certain Lions Clubs make grants to students. The local secretary should be consulted.

16. M.S.D. Scholarships. For the last three years of study towards the degree in Agronomy, Medicine, Pharmacy or Veterinary Science. The amount is sufficient to cover tuition fees, residence fees and books. Closing date is 31 August.

Apply to: The Chairman, M.S.D. Election Committee, P.O. Box 7748, Johannesburg 2000.

17. The Sir Ernest Oppenheimer Memorial Trust, P.O. Box 61587, Marshalltown, 2107 makes awards of varying amounts, sometimes of as much as R300 in an individual case, according to need.

18. Two studyfund bursaries of R200,00 each (Oom Lokomotief and Everite). Available for post-graduate study in Afrikaans language and literature. Apply to: The Director, NALN, P.O. Box 517, Bloemfontein, 9300.

19. Pitco Ltd., P.O. Box 617, Johannesburg, 2000 allocates a varying number of bursaries.

20. The Phosphate Development Corporation, "FOSCOR", P.O. Box 1, Phalaborwa, 1390, makes loans of up to R180 each to students reading Science or Social Studies.

21. Rhodes Scholarships: Tenable at the University of Oxford for two or three years. Further information can be obtained from the General Secretary for Rhodes Scholarships in South Africa, P.O. Box 41468, Graighall, 2024, Transvaal.

22. Rotary Clubs make grants to students. The local secretary should be consulted.

23. Rand Bursary Fund, P.O. Box 50, Orlando, 1804, donates a varying number of bursaries.

24. School for the Blind. Grants to a maximum of R500 for post-graduate research concerning any aspect of blindness. Apply to: The Principal, School for the Blind, Adderley Street 20, Worcester, 6850. A short summary of the proposed study and a recommendation from the project leader must be submitted.

Closing date: 15 October.

25. Southern Africa Sports Goods Agents and Manufacturers' bursary for full tuition and residence fees. Apply to: The Secretary, SASGAM Committee, P.O. Box 3332, Johannesburg, 2000, Closing date: 31 October.

26. The St. Leger Scholarship Trust was formed in terms of the Will of the late Robert Arthur St. Leger.

Candidates must conform to the following qualifications:—

- (a) be a South African National;
- (b) be under twenty-five (25) years of age;
- (c) be a student who is graduated or matriculated in the Cape Province;
- (d) be of either sex, but unmarried;
- (e) be of the Christian faith;
- (f) be bilingual or satisfy the Committee of Selection of the intention to become bilingual.

Further particulars and application forms can be obtained from: Syfrets Trust Co. Ltd., P.O. Box 206, Cape Town. 8000.

27. The Union of Jewish Women of Southern Africa, P.O. Box 3622, Johannesburg, 2000, offers the Toni Saphra Bursary (up to R1000 p.a.), to a woman student, irrespective of race, creed or colour, who already holds a suitable degree or professional qualification, "whose proposed course of study will fit her more adequately to render some form

of social service to the South African community. Closing date for applications is 1 December.

28. The South African Institute of Race Relations administers funds from various sources and makes awards of various amounts (usually limited by the amount of fees payable). For any award or bursary apply to: The Secretary, Bursary Department, S.A.I.R.R., P.O. Box 97, Johannesburg. 2000.

29. Transvaal United African Teachers' Association—Bursaries to students following the B.Sc. course who wish to become teachers. Closing date for applications is 28th August. Applications and further particulars can be obtained from—The President, P.O. Box 132, Bergvlei, 2012.

30. The United Tobacco Co., (South) Ltd., P.O. Box 1584, Johannesburg, 2000 provides a number of bursaries of R240 p.a. for three years for an undergraduate student domiciled in Transkei.

31. S. M. van Achterberg Trust, P.O. Box 233, Isando, 1600. Loans to needy students.

32. The Winifred Wilson Bursary Fund: To foster the study and preservation of the English language and literature in the Republic of South Africa. Applications should be made on the prescribed application form to the Secretary of the Colonial Orphan Chamber and Trust Company, P.O. Box 442, Cape Town, 8000, on or before the 15th day of December in each year. Each application shall be supported by a report made by a Professor of English at the University at which the applicant is studying.

University of Fort Hare

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GROUP C.

A limited amount is available for medical studies by students who completed their pre-medical courses at Fort Hare and are attending an approved medical school in South Africa. Loans are made from the interest of endowments in the following Funds:—

- (1) The Greenslade Medical Fund
- (2) The W. W. Russell Medical Fund.
- (3) W. P. Schreiner Medical Fund for women.
- (4) The Rev. W. Girdwood Medical Fund.

borrow a book on any borrower's pocket not made out in his name, commits a breach of these Regulations.

External Borrowers

11. (a) Persons other than members of staff, who are not students, may be admitted by the University Librarian, in his discretion, as external borrowers and shall then be registered as such upon production of a receipt by the Accountant to the effect that a deposit of R2 has been paid. Such deposit shall be repaid upon production to the Accountant of a notice by the University Librarian to the effect that the registration of the external borrower has been cancelled, that no books are outstanding and that all borrower's pockets have been returned.
- (b) A book shall only be lent to an external borrower if such book at the time is not in regular demand.

Borrowing of books by members of staff

12. Members of staff may borrow publications from the Library subject to the provisions of these Regulations, on the following conditions:—
- (a) That such publication be returned to the Library within a reasonable time after it has been recalled by the University Librarian: Provided that the member of staff has had the publication for a period of at least 14 days.
- (b) The provisions of this Regulation shall not be prejudicial to the provisions of Regulations 13 to 19.

Borrowers in general

13. The University Librarian may recall any publication borrowed from the Library at any time for purposes of internal Library organisation.
14. No borrower shall lend any publication borrowed from the Library to anyone.
15. A borrower shall be held liable for any loss or damage in respect of any publication issued to him in his name.
16. Any borrower may request that a publication that is out on loan be reserved for him and he shall be notified when such publication becomes available.
17. No borrower shall remove any publication from the Library until its issue has been duly recorded by the University Librarian.
18. No issue in respect of the loan of a publication shall be made during the period commencing ten minutes before each closing time of a library session.
19. (a) All publications lent to borrowers shall be returned before the end of each academic semester.
- (b) Any borrower who fails to return any publication borrowed from the Library at the end of an academic semester is liable to a fine of R1 per publication not returned, irrespective of whether the publication is subsequently returned or not.
- (c) If a borrower does not return such publication after he has become liable to the fine of R1, he shall, in addition, be liable for the replacement cost of the publication.
- (d) Any such borrower shall, as long as he has not complied with the provisions of this Regulation after the fine has become due, be suspended from all use of the Library until he has done so.

20. No borrower shall write or make marks in any publication borrowed from the Library or deface it in any way and anyone returning to the Library a publication that has been damaged by writing or otherwise, shall be held responsible for such damage, unless it has been noted on the relative borrower's card at the time of issue.

Overdue publications

21. A publication borrowed from the Library is overdue after the borrowing period as prescribed by these Regulations has expired or if a reasonable period has lapsed after the book has been recalled by the University Librarian.
22. The fine for an overdue publication is 5 cents per day or part thereof, subject to a maximum of R2 per volume. After such maximum is reached the provisions of Regulation 19(d) apply.

Periodicals

23. (a) Periodicals shall not be lent to borrowers: Provided that not more than five volumes of bound periodicals may be lent at a time to members of staff or post-graduate students for a period not exceeding two weeks.
- (b) Current issues of periodicals shall be displayed in the periodical reading room until they are replaced by a subsequent issue.
- (c) Users shall not remove or borrow periodicals from the periodical reading room and users shall exclusively use this reading room for the perusal of periodicals.
- (d) Heads of Departments, however, may borrow current issues of listed periodicals (proposed listings to be submitted to the Library Advisory Committee) upon production of the appropriate notification slip issued by the University Librarian for each issue, at the periodical desk, for a period not exceeding 3 days.
- (e) No user has access to the periodical stacks. The user shall apply for any periodical at the periodical desk for perusal in the periodical reading room and such periodical shall not be removed from the periodical reading room except in cases where these Regulations provide otherwise. The University Librarian, however, may in his discretion permit members of staff or post-graduate students access to the periodical stacks.

Inter-Library Loans

24. (a) Inter-Library Loan services are available for staff and post-graduate students.
- (b) Any user who fails to return on or before the due date any publication borrowed on the Inter-Library Loan Service, shall be suspended from all borrowing privileges until such time as such due publication has been returned.
- (c) If the use of any publication or other material is in any way restricted by these Regulations, such restriction shall be made a condition of the loan to the library which borrows such publication from the Library on an Inter-Library Loan and vice versa.

8. OTHER ADMINISTRATIVE OFFICERS

Gown. At Graduation Ceremonies, other Administrative Officers are to wear plain black undergraduate gowns if they are not Graduates. No Hats.

9. GRADUATES

DOCTORS

Gown. Undress — the Master's gown with the yoke completely outlined with gold cord, and with a gold cord and button on the yoke of the gown at the back.

Full dress — Oxford Doctorate pattern, black silk faced, down each side in front, with gold silk 150 mm. wide edged with silk of the colour distinctive of the degree, 25 mm. wide. Sleeves faced with gold silk.

Hood. Full shape — D.Litt. et Phil., D.Theol., LL.D., D.Ed., D.Com., D.Sc. (Land Surv.), D.Phil. (S.W.), D.Bibl., D.Sc., D.Admin., D.Sc. (Agr.):—

Silk of the colour distinctive of the degree, lined with gold and piped with twisted black and gold cord.

Degree colours are:—

D.Litt. et Phil.:	Ultramarine blue	(148)
D.Theol.:	Violet	(179)
LL.D.:	Cardinal red	(186)
D.Ed.:	Old rose	(157)
D.Com.:	Rust brown	(58)
D.Sc. (Land Survey.):	Gun metal grey	(42)
D.Phil. (S.W.):	Kingfisher blue	(164)
D.Bibl.:	Pale blue	(84)
D.Sc.:	Silver grey	(153)
D.Admin.:	Rose beige	(18)
D.Sc. (Agr.):	Emerald green	(213)

Undress — As for Masters.

Full dress — Black velvet mortar-board with gold tassel.

MASTERS

Gown. Oxford M.A. shape, black stuff or silk and with a small gold button and horizontal gold cord on both sides of the yoke in front.

Hood. Full shape, black silk lined with gold silk and faced, inside the cowl, with the colour used for the corresponding Bachelor's degree, 75 mm. wide.

Cap. As for Bachelors.

HONOURS BACHELOR

Gown and Cap as for Bachelor Degrees.

Hood. The hood for the corresponding Bachelor's degree with the addition down the anterior side of a gold cord 5 mm. wide.

B.ED. LL.B.

Gown and Cap as for B.A.

Hood. Simple shape, black silk lined with gold and bound over the anterior side with silk, 75 mm. wide inside and 12 mm. wide outside, of the colour distinctive of the degree, viz. :—

B.Ed.	Old rose	(157)
LL.B.	Cardinal red	(186)

B.A., B.A. (S.W.), B.BIBL., B.JUR., B.PROC., B.THEOL., B.AGR., B.SC., B.COM., B.ADMIN., B.SC.(LAND SURV.)

Gown. Black stuff, with pointed sleeves slit from shoulder to wrist, gathered together at wrist with small gold cord and two buttons.

Hood. Simple shape, black silk faced to a depth of 100 mm. with gold (54) silk and bound over the anterior side with silk, 25 mm. wide inside the anterior side and 12 mm. wide outside, of the colour distinctive of the degree, viz. :—

B.A.	Ultramarine blue	(148)
B.Bibl.	Pale blue	(84)
B.Jur.	Cardinal red	(186)

B.Proc. The same as for B.Jur. with the addition of a silver cord 5 mm. wide down the anterior side.

B.Theol. Violet (179)

B.Agric. Apple green (22)

B.Sc. Silver grey (153)

B.Com. Rust brown (58)

B.Admin. Rose beige (18)

B.A. (S.W.) Kingfisher blue (164)

B.Sc. (Land Survey). Gun metal grey (42)

Cap Black cloth mortar-board with mixed black-gold tassel.

B.SC. (AGRIC.)

Gown and Cap as for B.A.

Hood. As for B.Agric., but bound with emerald green (213) silk, 50 mm. wide inside and 12 mm. wide outside.

CHANCELLOR

(1977-1984)

P. E. ROUSSEAU, DMS, M.Sc. (Stell.), D.Sc. (h.c.) (O.F.S. and Stell.), F.I.Chem.E.

VICE-CHANCELLOR AND RECTOR

Professor J. M. DE WET, M.Sc. (S.A.), B.Sc. Eng. (Witwatersrand), D.I.C., Ph.D. (Lond.)

THE COUNCIL

1974-1977

The Rector (ex officio)

The Vice-Rector (ex officio)

Appointed by the State President

Elected by the Senate

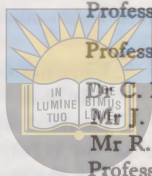
*The Secretary for Bantu Administration
and Development (ex officio)*

*The Secretary for Bantu Education
(ex officio)*

*The Secretary for Education, Transkei
Government (ex officio)*

*The Secretary for Education, Ciskei
Government (ex officio)*

The Registrar is *ex officio* Secretary of the Council



Professor J. M. DE WET

Professor A. COETZEE

Dr C. H. BADENHORST

Mr J. M. CHRISTOPHER

Mr R. CINGO

Professor J. J. GERBER (*Chairman*)

Dr G. W. MBELE

Dr G. DE V. MORRISON, M.P.

The Hon. Mr Justice G. G. A. MUNNIK

Mr. D. M. NTUSI

Mr P. M. SOBAHLE

Mr K. B. TABATA

Professor A. A. THERON

Professor B. DE V. VAN DER MERWE

Professor J. A. VAN EEDEN

Professor G. VAN N. VILJOEN

Mr G. J. VAN ZYL

Mr H. NABE

Professor G. J. J. VAN RENSBURG

Mr I. P. VAN ONSELEN

or his authorised representative

Mr R. J. RAATH

Mr G. J. ROUSSEAU

or his authorised representative

Mr M. P. POTELWA

Mr N. G. SCHEEPERS

University of Port Elizabeth
Together in Excellence

THE ADVISORY COUNCIL

(1974—1977)

Mr H. BUBU
 Mr H. M. CANCA
 Mr A. DUNJWA
 Mr S. S. GUZANA
 Rev G. B. MOLEFE
 Mr S. MVAMBO
 Mr H. NABE
 Mr M. T. NKUNGU
 Mr D. M. NTUSI (*Chairman*)
 Mr I. SANGOTSHA
 Professor J. R. SERETLO
 Mr H. T. YIBA
 Mr J. D. ZEKA



COMMITTEES OF COUNCIL

Executive Committee

University of Fort Hare
Together in Excellence

Professor J. M. DE WET
 Professor J. J. GERBER
 Mr G. J. ROUSSEAU
 Professor A. COETZEE
 Professor A. A. THERON

Discipline Committee

The Rector	Professor J. M. DE WET
The Vice-Rector	Professor A. COETZEE
Council Representative	To be appointed
Advisory Council Representative	Mr S. MVAMBO
Senate Representatives	To be appointed
	Professor J. B. THOM

The Hostel Wardens:

Beda Hall	Mr O. H. D. MAKUNGA
Iona House	Mr E. MAKHANYA
Wesley House	Mr L. M. MBADI
Elukhanyisweni	Rev. N. KATIYA
East Campus	Mr J. W. MAKHENE
Elitheni	Mr C. H. T. LALENDLE

Hostel Committee

The Rector	Professor J. M. DE WET
The Vice-Rector	Professor A. COETZEE
Staff Members	Professor M. A. HOUGH
	Professor E. H. GRAVEN
	Professor J. M. ELS

The Hostel Wardens:

Beda Hall
 Iona House
 Wesley House
 Elukhanyisweni
 East Campus
 Elitheni
 Assistant Warden for Elitheni
 Caterer

Mr O. H. D. MAKUNGA
 Mr E. MAKHANYA
 Mr L. M. MBADI
 Rev. N. KATIYA
 Mr J. W. MAKHENE
 Mr C. H. T. LALENDLE
 Mrs L. N. MOLAMU
 Mr P. J. W. POTTAS

Finance Committee

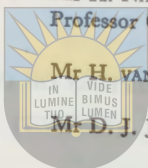
The Rector
 The Vice-Rector
 Chairman of Council
 Senate Representatives on Council

Professor J. M. DE WET
 Professor A. COETZEE
 Professor J. J. GERBER
 Mr H. NABE

In advisory capacity:

The Registrar
 The Assistant Registrar
 (Finance)

Professor G. J. J. VAN RENSBURG



Mr H. VAN HUYSTEEEN

Mr D. J. JACOBS

Maintenance Committee

The Rector
 The Vice-Rector
 One Senate Representative on
 Council
 Two academic staff members
 appointed by Council

University of Fort Hare

Together

Professor J. M. DE WET
 Professor A. COETZEE

Professor G. J. J. VAN RENSBURG

The Registrar
 The Acting Assistant Registrar
 (Administration)
 Technical Superintendent

Professor J. B. THOM
 Professor S. LINDE
 Mr H. VAN HUYSTEEEN

Mr H. P. DE GOEDE
 Mr A. FRENCH

Xhosa Dictionary Committee

The Rector, Fort Hare
 The Vice-Rector, Fort Hare
 Chairman of Council
 University of Cape Town
 University of South Africa
 Faculty of Arts, Fort Hare
 Lovedale Press
 Transkei Government
 Ciskei Government
 Director, Xhosa Dictionary Project
 Council Representative

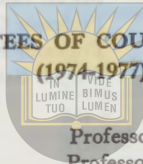
Professor J. M. DE WET
 Professor A. COETZEE
 Professor J. J. GERBER
 Professor E. O. J. WESTPHAL
 Professor J. A. LOUW
 Professor A. COETZEE
 The Manager
 Mr D. M. NTUSI
 Mr S. QABA
 Professor H. W. PAHL
 Mr H. NABE

<i>Xhosa Dictionary Executive Committee</i>	Professor J. M. DE WET Professor A. COETZEE Representative of Lovedale Press Professor H. W. PAHL
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Sports Executive Committee

The Rector	Professor J. M. DE WET
Chairman	Professor A. COETZEE (1974-76)
Vice-Chairman	Professor J. R. SERETLO, (1974-76)
Additional Member	Professor E. W. GIESEKKE (1974-76)
Staff member appointed by Council	Mr H. NABE (1974-76)
Three representatives of students' sports clubs (1977)	
The Sports Officer is <i>ex officio</i>	
Secretary	Vacant

JOINT COMMITTEES OF COUNCIL AND SENATE

*Bursaries Committee*

The Rector	Professor J. M. DE WET
The Vice-Rector	Professor A. COETZEE
Council Representative	Professor G. J. J. VAN RENSBURG
Dean of Students (<i>ex officio</i>)	Mr H. NABE
Faculty Representatives:	
Theology	Rev. G. THOM
Law	Mr G. S. WOOD
Arts	Professor J. M. ELS
Science	Professor S. LINDE
Education	Professor J. A. T. WENTZEL
Economic Sciences	Mr E. BEGEMANN
Agriculture	Mr S. J. DE SWARDT
Co-opted member	Mr E. M. MAKHANYA

Building Extensions Committee

The Rector	Professor J. M. DE WET
The Vice-Rector	Professor A. COETZEE
Council Representative	Professor G. J. J. VAN RENSBURG
Senate Representatives	To be appointed To be appointed Professor J. B. THOM

Assessor Members:

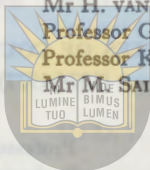
Representatives of the Department of Bantu Education	Mr G. J. ROUSSEAU Mr G. EHLERS Mr D. MARSHALL Mr H. VAN HUYSTEEEN Mr A. FRENCH
The Registrar	
Technical Superintendent	

Honorary Degrees Committee

- | | |
|------------------------------|--|
| The Rector | Professor J. M. DE WET (<i>Chairman</i>) |
| The Vice-Rector | Professor A. COETZEE |
| The Chairman of Council | Professor J. J. GERBER |
| Two Council Members | The Hon. Mr JUSTICE G. G. A. MUNNIK |
| | Mr R. CINGO |
| Two Advisory Council Members | Mr M. T. NKUNGU |
| | Mr H. T. YIBA |
| Three Members of Senate: | Professor P. A. DUMINY |
| | Professor J. R. SERETLO |
| | To be appointed |

Computer Centre Control Committee

- | | |
|-------------------------|--|
| The Rector | Professor J. M. DE WET (<i>Chairman</i>) |
| The Vice-Rector | Professor A. COETZEE |
| The Registrar | Mr H. VAN HUYSSTEEN |
| Council Representative | Professor G. J. J. VAN RENSBURG |
| Senate Representative | Professor K. N. GREGGOR |
| Computer Centre Manager | Mr M. SAINSBURY |



University of Fort Hare
Together in Excellence

THE SENATE

The Rector, Professor J. M. DE WET (*Chairman*)

The Vice-Rector Professor A. COETZEE (*Vice-Chairman*)

Professor E. BATSON
 Professor D. L. BROWN
 Professor C. G. COETZEE
 Professor E. J. DE JAGER
 Professor B. H. DOWNING
 Professor P. A. DUMINY
 Professor J. P. A. DU PREEZ
 Professor L. EEKHOUT
 Professor M. C. EKSTEEN
 Professor J. M. ELS
 Professor E. W. GIESEKKE
 Professor E. H. GRAVEN
 Professor K. N. GREGGOR
 Professor G. GRUBER
 Professor F. HECHT
 Professor M. A. HOUGH
 Professor A. P. KRIEL
 Professor J. LABUSCHAGNE
 Professor M. C. LAKER
 Professor J. A. LAMPRECHT
 Professor S. LINDE
 Professor E. J. MARAIS
 Professor J. N. MARAIS
 Professor C. MILLAR

Mr H. NABE
 Professor H. W. PAHL
 Professor E. A. C. PRETORIUS
 Professor J. R. SERETLO
 Professor S. H. E. STAMPA
 Professor J. C. THERON
 Professor J. B. THOM
 Professor P. B. TREVOR-ROBERTS
 Professor R. A. VAN DEN BERG
 Professor J. VAN OORTMERSSEN
 Professor G. J. J. VAN RENSBURG
 Professor G. P. VIJJOEN
 Professor J. A. T. WENTZEL
 Dr R. A. BASSETT
 Mr E. BEGEMANN
 Mr S. J. DE SWARDT
 Miss E. MARAIS
 Mr L. PROCTOR
 Mr M. SPREY
 Rev. G. L. THOM
 Mr J. C. VAN EEDEN
 Mr P. B. VAN SCHALKWYK
 Mr G. S. WOOD

Two Council Representatives

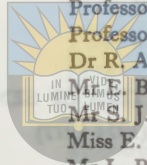
Professor J. J. GERBER
 Dr C. W. MBETE

Theological School Decoligny

Professor P. P. A. KAMFER (*Alternate*)
 Professor P. H. McDONALD)

Wardens of Hostels

Rev N. KATIYA
 Mr C. H. T. LALENDLE
 Mr E. M. MAKHANYA
 Mr J. W. MAKHENE
 Mr O. H. D. MAKUNGA
 Mr L. M. MBADI



University of Port Elizabeth
Together in Faith

MEMBERS OF THE SENATE
APPOINTED IN TERMS OF SECTION 10(2) OF THE ACT

Member	Faculty
Professor A. H. VAN ZYL (Pretoria)	Theology
Professor R. C. BEUTHIN (Rhodes)	Law
Professor S. J. SCHOEMAN (Port Elizabeth)	Arts
Professor H. v.d. M. SCHOLTZ (Cape Town)	Arts
Professor E. O. J. WESTPHAL (Cape Town)	Arts
Professor W. P. ROBERTSE (Potchefstroom)	Science
Professor H. J. SCHUTTE (Rhodes)	Science
Professor J. G. C. SMALL (Port Elizabeth)	Science
Professor J. J. DE WET (Potchefstroom)	Education
Professor W. P. VAN NIEKERK (Port Elizabeth)	Economic Sciences
[Alternate: Professor J. A. CILLIERS (South Africa)]	
Professor G. D. B. DE VILLIERS (O.F.S.)	Agriculture
Vacancy	Agriculture



COMMITTEES OF SENATE

(1974-1977)

Executive Committee

The Rector
 The Vice-Rector
 The Senate Representatives
 on Council

University of Fort Hare

Together in Excellence

Professor J. M. DE WET, (Chairman)
 Professor A. COETZEE, (Vice-Chairman)

Mr H. NABE
 Professor G. J. J. VAN RENSBURG

Deans of Faculties:

Theology
 Law
 Arts
 Science
 Education
 Economic Sciences
 Agriculture

Professor F. HECHT
 Professor J. B. THOM
 Professor E. J. DE JAGER
 Professor G. J. J. VAN RENSBURG
 Professor J. A. T. WENTZEL
 Professor P. B. TREVOR-ROBERTS
 Professor E. H. GRAVEN

Management Committee of the Executive Committee

Professor A. COETZEE
 Professor E. J. DE JAGER
 Professor G. J. J. VAN RENSBURG

Time-table Committee

The Rector (*ex officio*)
 The Vice-Rector (*ex officio*)
 Faculty Representatives
 Theology
 Law

Professor J. M. DE WET
 Professor A. COETZEE
 Professor E. A. C. PRETORIUS
 Professor J. LABUSCHAGNE

Arts
 Science
 Education
 Economic Sciences
 Agriculture

Professor J. M. ELS
 Professor R. A. VAN DEN BERG
 Mr A. PENNY
 To be elected
 Mr J. H. G. DE VILLIERS

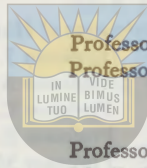
Library Advisory Committee

The Rector (*ex officio*)
 The Vice-Rector (*ex officio*)
 University Librarian
 Deputy University Librarian
 Other Members

Professor J. M. DE WET
 Professor A. COETZEE
 Mr M. SPRUYT
 Mr E. MAKHANYA
 Professor C. G. COETZEE
 Professor M. A. HOUGH
 Professor J. A. T. WENTZEL
 Professor F. HECHT

Legal Committee

The Rector (*ex officio*)
 The Vice-Rector (*ex officio*)
 Departmental Heads of the
 Faculty of Law:
 Constitutional Law
 Mercantile Law
 Private Law
 Criminal Law



Professor J. M. DE WET
 Professor A. COETZEE

Professor J. LABUSCHAGNE
 Mr G. S. WOOD
 Vacant
 Professor J. B. THOM

University of Port Harcourt
 Together in Excellence

Publications Committee

The Rector (*ex officio*)
 The Vice-Rector (*ex officio*)
 The University Librarian
 Other Members

Professor J. M. DE WET
 Professor A. COETZEE
 Mr M. SPRUYT
 Professor E. BATSON
 Professor P. A. DUMINY
 Professor M. C. EKSTEEN
 Professor J. LABUSCHAGNE
 Professor J. LAMPRECHT

Professorial Committee

The Rector (*ex officio*)
 The Vice-Rector (*ex-officio*)
 The Senate Representatives
 on Council

 Two senior Professors

Professor J. M. DE WET
 Professor A. COETZEE

 Mr H. NABE
 Professor G. J. J. VAN RENSBURG
 Professor B. DE V. VANDER MERWE
 Professor F. HECHT

Science Workshop Control Committee

The Rector (*ex-officio*)
 The Vice-Rector (*ex-officio*)
 Head of the Department of Physics

Professor J. M. DE WET
 Professor A. COETZEE
 Professor J. R. SERETLO

Faculty Representatives:

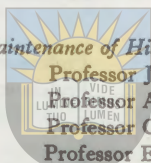
Science	Professor E. W. GIESEKKE (<i>Chairman</i>)
Agriculture	Mr M. HENSLEY
Arts	Mr L. PROCTOR
Chief Technician	Mr M. H. W. THIELEMANN
Senior Technician	Mr W. G. C. HAYES

Students Amenities Committee

The Rector (<i>ex officio</i>)	Professor J. M. DE WET
The Vice-Rector (<i>ex officio</i>)	Professor A. COETZEE
	Professor M. A. HOUGH
	Professor E. J. MARAIS (<i>Convener</i>)
	Professor J. R. SERETLO
	Professor J. B. THOM

Committee for the Preservation and Maintenance of Historical Relics on the Campus

The Rector (<i>ex officio</i>)	Professor J. M. DE WET
The Vice-Rector (<i>ex officio</i>)	Professor A. COETZEE
	Professor C. G. COETZEE (<i>Chairman</i>)



University of Port Hare
Together in Excellence

Professor E. J. DE JAGER
Professor M. C. EKSTEEN
Mr M. SPRUYT

Research and Capital Equipment Committee

The Rector (<i>ex officio</i>)	Professor J. M. DE WET
The Vice-Rector (<i>ex officio</i>)	Professor A. COETZEE (<i>Chairman</i>)
	Professor E. H. GRAVEN
	Professor J. A. T. WENTZEL
	Professor L. EEKHOUT

Student Affairs Committee

The Rector (<i>ex officio</i>)	Professor J. M. DE WET
The Vice-Rector (<i>ex officio</i>)	Professor A. COETZEE
	Professor J. P. A. DU PREEZ
	Professor E. W. GIESEKKE
	Mr H. NABE
	Professor J. R. SERETLO

Committee for University Teaching

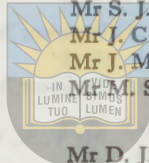
The Rector (<i>ex officio</i>)	Professor J. M. DE WET
The Vice-Rector (<i>ex officio</i>)	Professor A. COETZEE
	Professor C. MILLAR (<i>Chairman</i>)
	Mr L. PROCTOR (<i>Chairman for 1977</i>)
	Mrs H. DOWNING
	Professor J. VAN OORTMERSEN
	Mr A. PENNY (<i>co-opted for 1977</i>)

Control Committee for the Central Instrument Laboratory

The Rector (<i>ex officio</i>)	Professor J. M. DE WET
The Vice-Rector (<i>ex officio</i>)	Professor A. COETZEE
Department of Chemistry	Professor E. W. GIESEKKE
Department of Botany or Zoology	Professor B. H. DOWNING (Botany)
Chairman, Faculty of Science	
Estimates' Committee	Professor L. EEKHOUT
Faculty of Agriculture	Professor M. C. LAKER
	Dr R. H. BASSETT
Computer Centre	Professor K. N. GREGGOR

Advisory Committee of Computer Users

The Rector (<i>ex officio</i>)	Professor J. M. DE WET
The Vice-Rector (<i>ex officio</i>)	Professor A. COETZEE
	Professor K. N. GREGGOR
	Mr S. J. DE SWARDT
	Mr J. C. VAN EEDEN
	Mr J. MCKINNELL
	Mr M. SAINSBURY



Assistant Registrar

(Finance and Stores)

Mr D. J. JACOBS

Agricultural Development Research Institute Control Committee

The Rector (<i>ex officio</i>)	Professor J. M. DE WET
The Vice-Rector (<i>ex officio</i>)	Professor A. COETZEE
The Director (<i>ex officio</i>)	To be appointed
The Dean, Faculty of Agriculture	Professor E. H. GRAVEN (<i>Chairman</i>)
Heads of Departments: Faculty of Agriculture:	

Agricultural Biological Sciences	Dr R. A. BASSETT
Agricultural Economics	Mr S. J. DE SWARDT
Agricultural Engineering	To be appointed
Agronomy	Professor E. H. GRAVEN
Animal Science	Professor D. L. BROWN
Soil Science	Professor M. C. LAKER

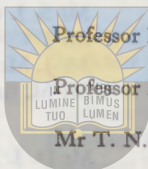
Representatives according to the

Constitution:

Group A	Professor J. C. THERON
Group B	Professor M. A. HOUGH
Group C	Mr E. BEGEMANN

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Board for the Recognition of Examinations in Law	Professor J. B. THOM (alternate Professor J. LABUSCHAGNE)
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Committee on Xhosa terms (Department of Bantu Education and the Xhosa service of the SABC)	Mr L. M. MBADI
Bantu Language Board	Mr H. NABE Professor A. P. KRIEL
Liaison Committee on Social Work for the Bantu	Professor M. A. HOUGH
Joint University Committee for Social Work	Professor M. A. HOUGH
Committee for Bantu Child Welfare Work	Mr T. N. V. MAQASHALALA
Board for the Recognition of Land Surveyors Examinations	Professor L. BEKHOUT
South African Council for Automation and Computation Examinations Board—Department of Bantu Education	Professor K. N. GREGGOR Professor J. A. T. WENTZEL Mr R. G. S. MAKALIMA (Sub-committee for Social Studies)
Professional Subjects Committee of the Department of Bantu Education	Professor P. A. DUMINY
Bursary Committee (Netherlands Bursaries) Department of National Education	Professor P. A. DUMINY
Committee of the Central Grassveld Workteam	Mr W. S. W. TROLLOPE



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<i>Old Testament Studies and Hebrew</i>	
*Professor	F. HECHT, Cand. Phil., Cand. Theol. (Halle), Cand. Min. (Berlin), D.D. (Pret.)
Lecturer	P. D. F. STRIJDOM, B.A. Hons., B.Th. Lic. Theol. (Stell.)
<i>New Testament Studies and Pastoral Theology</i>	
*Professor	E. A. C. PRETORIUS, B.A. (O.F.S.), B.D., D.Th. (Stell.)
Lecturer	S. D. SIBANYONI, B.A. Hons. (Fort Hare)
<i>Systematic Theology</i>	
*Professor	J. A. LAMPRECHT, B.A. (Witwatersrand), B.D. (Lond.), D.D. (S.A.)
Lecturer	A. M. STOFFE, B.A., B.Theol. (Fort Hare)
<i>Ecclesiastical History and Missiology</i>	
*Senior Lecturer	G. THOM, B.A. (O.F.S.), Cand. Theol. (Stell.)
Secretary/Typist	Mrs C. J. ROELOFSE

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Professor	Vacant
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Senior Lecturer	Vacant
<i>Private Law</i>	
*Professor	Vacant
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Senior Lecturer	M. E. MCLOUGHLIN, B. Comm., LL.B. (Rhodes)
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<i>Criminal Law and Procedure</i>	
*Professor	J. B. THOM, B.A., LL.B. (Stell.)
Lecturer	P. J. NIENABER, B.A., LL.B. (Pret.)

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Senior Lecturer	Vacant
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Senior Lecturer	P. DE VAN LILL, M.A. (Stell.)
Lecturer	H. L. KUPPERMAN, B.Sc., T.H.E.D. (Pret.), B.A. Hons. (S.A.), M. A. (Stell.)
Lecturer	Vacant
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Assistant Curator	M. S. MATOTI, B.A. (Fort Hare)
Laboratory Assistant	Vacant

Afrikaans-Nederlands (and German)

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Lecturer	Miss M. J. DE JONG, B.A. Hons., S.T.D. (Stell.)
Lecturer (In German)	Vacant

Bantu Languages (Xhosa and Southern Sotho)

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Professor	Vacant
Associate Professor	H. W. PAHL, B.A. (S.A.), B.Sc. (Rhodes), L.D.B.S. (S.A.), H.E.D.
Senior Lecturer	L. M. MBADI, B.A. (Rhodes), B.A. Hons. (S.A.)
Senior Lecturer	S. QANGULE, B.A. (Rhodes), B.Ed., M.A., U.E.D. (S.A.)
Lecturer	B. KHOALI, B.A. Hons. (Fort Hare)
Junior Lecturer	Miss B. M. NJOBE, B.A., U.E.D. (Fort Hare)

Classical Languages

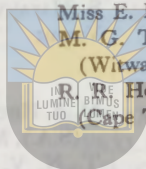
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Lecturer Vacant

English

- *Professor J. VAN OORTMERSEN, M.A. (Potch.), U.E.D.
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Senior Lecturer Vacant
Senior Lecturer Vacant
Lecturer T. N. MARALA, B.A., S.T.D. (Fort Hare)

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Lecturer	Vacant
Lecturer	Vacant
Junior Lecturer	E. M. MAKUBALO, B.A. Hons. (S.W.) (Fort Hare)
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M. F. ALDERSLY, Ph.D. (Cambridge)

Senior Lecturer

Vacant

Lecturer

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Lecturer

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A. M. SIPAMLA, B.Sc. Hons. (S.A.), M.Sc.
(Fort Hare)

Senior Laboratory Assistant

Vacant

Technician

M. WALTON

Geography

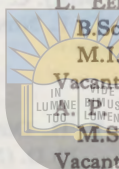
*Professor	Vacant
Senior Lecturer	D. KOPKE, M.Sc., U.E.D. (Rhodes)
Lecturer	C. J. UYS, B.A. Hons. (Stell.)
Lecturer	P. A. PIENAAR, B.A. Hons., H.N.E.D. (U.P.E.)
Senior Laboratory Assistant	Vacant

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Lecturer	C. J. GUNTER, M.Sc. (O.F.S.)
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Lecturer	Vacant



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Lecturer	Mrs J. UYS, B.Sc. (Stell.)
Lecturer	Vacant
Lecturer	Vacant

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Senior Lecturer	M. C. RADEBE, M.Sc. (S.A.)
Lecturer	Z. JIYA, B.Sc. Hons., U.E.D. (Fort Hare)
Demonstrator-Technician	Vacant

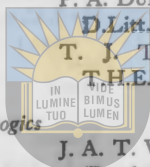
Zoology

*Professor	R. A. VAN DEN BERG, M.Sc. (Natal), D.Sc. (Potch.), S.T.D. (Stell.)
Senior Lecturer	J. W. MAKHENE, M.Sc. (S.A.), M.I. Biol. (England)
Senior Lecturer	J. F. PRINSLOO, D.Sc. (Potch.)
Lecturer	D. P. BAIRD, M.Sc. (O.F.S.)
Lecturer	M. C. ROODE, D.Sc. (Potch.)
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<i>Department of Teaching Science</i>	
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Senior Lecturer	J. M. ROGAN, B.Sc. (Witwatersrand), B.A. (S.A.), M.A. (Columbia)
Senior Lecturer	R. G. S. MAKALIMA, B.A. Hons., B.Ed. (S.A.)
Lecturer	Mrs L. N. MOLAMU, B.Sc., U.E.D. (Rhodes), B.Ed. (S.A.)
Lecturer	G. Z. GEBEDA, B.A. Hons., B.Ed. (S.A.), U.E.D.
Lecturer	Mrs S. GREEN, B.Ed. Ph. (Stell.)
Lecturer	Mrs H. R. D. DOWNING, B.Sc. (Rhodes), B.Sc. Hons., U.E.D. (Natal), M.Sc. Ecol. (Aberdeen)
Lecturer	Vacant
Lecturer	Vacant
Lecturer	Vacant
Lecturer	Vacant
Senior Technician (Audi-Visual Aids)	Vacant
Technician (Operator/Demonstrator)	Vacant



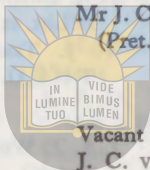
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Department of Music

*Senior Lecturer	G. GRUBER, Dr.Phil. (Vindobon), Austrian State Teaching Diplomas in Pianoforte School Music and Singing
Lecturer	M. J. W. SGATYA
Secretary/Typist	Mrs C. E. SCHMIDT

FACULTY OF ECONOMIC SCIENCES

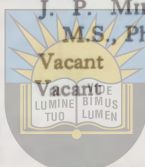
<i>Dean (1976-78)</i>	Professor P. B. TREVOR-ROBERTS, B.Comm. (Stell.), M.Comm. (S.A.), D.Comm. (R.A.U.)
<i>Vice-Dean</i>	Mr J. C. VAN EEDEN, M.Comm. (Acc.), M.B.A. (Pret.)
<i>Accountancy</i>	
Professor	Vacant
*Senior Lecturer	J. C. VAN EEDEN, M.Comm. (Acc.), M.B.A. (Pret.)
Senior Lecturer	H. G. ROSSOUW, B.Comm. (O.F.S.), C.T.A. (S.A.)
Senior Lecturer	Vacant
Lecturer	T. M. JORDAN, B.Comm. (Fort Hare)
Lecturer	Vacant
<i>Business Economics and Co-operative Work</i>	
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Senior Lecturer	J. M. LANGUAGE, B.Comm. (S.A.), M.Comm. (O.F.S.)
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Lecturer	S. M. MAYATULA, B. Comm. Hons. (Fort Hare)
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<i>Agricultural Biological Sciences</i> (Sub-departments: Biochemistry, Genetics and Microbiology)	
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Senior Lecturer (Biochem.)	D. S. DU TOIT, M.Sc. Agric. (O.F.S.)
Lecturer (Biochem.)	J. S. S. GRAY, M.Sc. Agric. (Natal)
Lecturer	Vacant
Senior Laboratory Assistant	Vacant
Senior Lecturer (Genetics)	J. H. G. DE VILLIERS M.Sc. Agric. (Natal)
Senior Lecturer (Microbiology)	J. P. MILLDENHALL B.Sc. Agric. (Natal)
	M.S., Ph.D. (Wisconsin)
Lecturer (Microbiology)	Vacant
Technical Assistant	Vacant
<i>Agricultural Economics</i>	
*Senior Lecturer	S. J. DE SWARDT M.Sc. Agric. (Natal)
Senior Lecturer	C. J. VAN ROOYEN M.Sc. Agric. (Pret.)
Technical Assistant	G. W. DUMA
<i>The Massey-Ferguson Chair of Agricultural Engineering</i>	
*Professor	Vacant
<i>Agricultural Extension</i>	
Senior Lecturer	Vacant
<i>Agronomy</i> (Sub-departments: Crop Science and Pasture Science)	
*Professor	E. H. GRAVEN, M.Sc. Agric. (Stell.), Ph.D. (Wisconsin)
Associate Professor (Crop Science)	J. N. MARAIS, M.Sc. Agric. (Pret.), Ph.D. (Purdue)
Lecturer (Crop Science)	Vacant
Senior Lecturer (Pasture Science)	W. S. W. TROLLOPE, M.Sc. Agric. (Natal)
Lecturer (Pasture Science)	Vacant
Senior Lecturer (Horticultural Science)	M. O. BRUTSCH, M.Sc. (Natal)
Lecturer (Horticultural Science)	Vacant
Senior Technical Assistant	F. G. GQOLI
Senior Technical Assistant	Vacant
Technical Assistant	Vacant
Technical Assistant	Vacant



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Animal Science

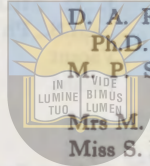
(Sub-departments: Anatomy and Physiology, Animal Health, Dairy Science and Technology, Poultry Science and Sheep and Wool Science)

*Professor	D. L. BROWN, M.Sc. Agric. (Natal), D.Sc. Agric. (O.F.S.)
Associate Professor	S. H. E. STAMPA, Dr. MED. VET. (Giessen)
Senior Lecturer (Animal Science)	E. J. B. BISHOP, M.Sc. Agric. (Stell.)
Senior Lecturer (Sheep and Wool Science)	Vacant
Senior Technical Assistant	Vacant
Technical Assistant	A. M. SKHOSANA

Soil Science

*Professor	M. C. LAKER, M.Sc. Agric. (Stell.), D.Sc. Agric. (O.F.S.)
Senior Lecturer	M. HENSLEY, M.Sc. Agric. (Natal)
Senior Research Fellow	D. A. RUSSELL, B.Sc. Agric. (Cantab.), Ph.D. (Purdue)
Senior Technical Assistant	M. P. SEGABUTLA, B.Sc. (North)

Secretary/Typist
Typist



Mrs M. E. MANTHE
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H. NABE, B.A., U.E.D. (S.A.), C.E.D. (Fort Hare)

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Student Advisor Vacant

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- O. F. RAUM, Ph.D. (Lond.)
- R. H. R. LIDDELL, M.A., D.D. (h.c.) (St. Andrews)
- J. T. GREEN, B.A. (Stell.), M.A. (S.A.), Ph.D. (Leeds)
- M. H. GIFFEN, M.A. (Cape Town), M.Sc. (Cantab.), F.R.M.S., Ph.D. (SA.)
- J. T. DAVIDSON, M.Sc. (S.A.)
- H. L. N. JOUBERT, M.A. (Stell.), M.Th. (Princeton), Th.D. (Amst.)
- A. S. GALLOWAY, Ph.D. (St. Andrews), M.S.A. Chem. I., C.Chem., F.R.I.C.

*Heads of Departments

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Assistant Registrar (Academic)	M. B. JONES, B.Sc. (Natal), M.B.A. (Potch.)
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Technicians	P. KEKANA, N. M. MOAHLOLI, S. P. LIPHAPANG
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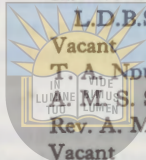
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AGRICULTURAL DEVELOPMENT RESEARCH INSTITUTE

Director	Vacant
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GENERAL LEGAL PROVISIONS APPLICABLE TO STUDENTS OF THIS UNIVERSITY

Sections 20, 27, 28, 29, 30 and 42 of the University of Fort Hare Act, No. 40 of 1969.

20. (1) No person shall be registered as a matriculated student of the University unless—

- (a) he has obtained the matriculation certificate issued by the Joint Matriculation Board referred to in section 15 of the Universities Act, 1955 (Act No. 61 of 1955), or has in the opinion of the said Matriculation Board satisfied the conditions of exemption from the matriculation examination and has obtained a certificate to that effect: Provided that the council may in addition prescribe by regulation, as a prerequisite to admission to any particular course at the University, the attaining of a specified standard in any specified subject at the matriculation examination or at an examination recognized for the purpose by the said Matriculation Board; or
- (b) he is a graduate of a university institution or has been admitted by a university institution to the status of a graduate; and
- (c) he has complied with such other conditions as the council may prescribe by regulation: and
- (d) he has paid the requisite moneys.

(2) Every person registered as a student of the University shall renew his registration annually so long as he continues to be a student of the University.

(3) A student of the University who fails to satisfy the prescribed minimum requirements of study may be refused permission by the council to renew his registration as a student.

(4) The council may after consultation with the senate and with the prior approval of the Minister limit the number of persons who may be permitted to register for any course, in which case the senate may select from among those persons qualified to proceed to such course the persons who shall be permitted to register therefor.

27. (1) At the University there shall be—

- (a) faculties of arts, natural sciences, education, law, agriculture, economic sciences and theology; and
- (b) such other faculties as the council may from time to time establish after consultation with the senate and with the approval of the Minister.

(2) The council may not without the prior approval of the Minister establish any department or any course for a degree, diploma or certificate or in a subject, for which express authority to the university college did not exist under any law immediately prior to the fixed date.

28. (1) Subject to the provisions of this Act, the University may confer such degrees in a faculty as it may deem fit.

(2) The designation of any particular degree in any faculty shall be as prescribed by statute.

(3) Save as provided by section 31, the University shall not confer any degree upon any person who has not attained the prescribed standard of proficiency in any examination of other test.

(4) Subject to the provisions of this Act, the University may grant a diploma or certificate to any person who has pursued a course of study provided by the

University or to any other person who in its opinion possesses the qualifications for such a diploma or certificate.

29. Subject to the provisions of the statute, the council may, on the recommendation of the senate—

- (a) admit a graduate of any other university institution or of any university outside the Republic to a status at the University equivalent to that which he possesses at such other university institution or at such university;
- (b) admit as a candidate for the honours degree of bachelor or for the degree of master or doctor of the University any person who has passed at any other university institution or at any university outside the Republic or at any other institution considered by the senate to be equivalent to the University, such examinations as in the opinion of the senate are equivalent to or higher than the examinations prescribed for a degree of the University which is a prerequisite for such honours degree of bachelor or degree of master or doctor of the University.

30. Any examination or other test of the University shall be conducted under the control of the senate and subject to the provisions of the statute: Provided that until the Minister otherwise determines, the services of external examiners, or moderators appointed by the council on the recommendation of the senate shall be utilized, in such manner as the senate may with the approval of the council determine, for the purpose of conducting any examination or other test (including any treatise or thesis) at the end of the final semester in a major subject leading to a degree, diploma or certificate, and such other examinations (if any) as the council may on the recommendation of the senate determine.

42. (1) If any person has passed any examination or other test conducted prior to the fixed date by the University of South Africa in terms of section 21(1) of the University College of Fort Hare Transfer Act, 1959 (Act No. 64 of 1959), or by the university college in terms of section 23 of that Act, such person shall, for the purposes of the conferring or the granting of any degree, diploma or certificate by the University, be deemed to have passed a corresponding examination or test of the University.

(2) Any person who is or was registered as a student of the university college on or before the fixed date for a degree, diploma, certificate, examination or other test of the University of South Africa, shall be deemed to be or to have been registered for the corresponding degree, diploma, certificate, examination or other test of the University, and the University shall not be obliged to prepare any such person for the relevant degree, diploma, certificate, examination or other test of the University of South Africa.

EXTRACTS FROM THE STATUTE OF THE UNIVERSITY OF FORT HARE

Government Notice R.2001 dated 5.11.1971.

Paragraphs 46, 47, 48, 52, 53, 54 and 55.

Admission to equal status

46. (a) A graduate of any other university institution or of any university outside the Republic who has been admitted in terms of section 29(a) of the Act to an equivalent status, and
- (b) a person who is admitted in terms of section 29(b) of the Act as a candidate for a degree,

shall pay the fees prescribed by the Act, and the council may in any such case determine the effective date and other conditions, if any, of such admission.

Examinations and other tests

Examiners

47. Subject to the provisions of sections 30 of the Act, every examination or other test by which a course for a degree, diploma or certificate is completed, shall be conducted by at least two examiners appointed by the senate.

Year-marks of candidates

48. A candidate shall, before the examination at the end of every course taken by him, be awarded a year-mark or semester mark for his work during the year, or semester, as the case may be, and the senate may lay down—

- (a) that he shall not be admitted to the examination at the end of a course, unless he obtains the minimum year-mark or semester mark, determined by the senate in that course; and
- (b) that for the purpose of calculating the final mark in a particular course, the year-mark or semester mark, as the case may be, as well as the mark obtained in the examination shall be considered, in such proportion as the senate may determine.

Minimum period of attendance

Ordinary and Honours Bachelor's Degrees

52. Subject to the provisions of the Act and this Statute, no candidate shall be admitted to the degree of bachelor unless he has completed, subsequent to the date of validity of the matriculation certificate or of the certificate of full exemption from the matriculation examination issued by the matriculation board, the following minimum period of attendance recognised for such degree:

- (a) for the degree of Bachelor of Arts in pure arts or social work, or Bachelor of Science in pure science or Bachelor of Theology, or Bachelor of Laws, or Bachelor of Commerce, or Bachelor of Administration: at least three academic years;
- (b) for the degree of Baccalaureus Procuracionis or Bachelor of Library Science, or Bachelor of Agriculture, or Bachelor of Science in land surveying or agriculture: at least four academic years;

- (c) for the degree of Bachelor of Education: a period of
 - (i) at least two years where he has obtained prior to the completion of this period of attendance the degree of Bachelor of Arts or Science or another degree accepted by the senate as equivalent thereto; or
 - (ii) at least one year where he has obtained prior to this period of attendance either an approved four-year bachelor's degree or an approved three-year bachelor's degree and also an approved diploma or certificate in education;
- (d) for any other degree of bachelor which is not an honours degree: at least three academic years;
- (e) for the honours degree of bachelor: at least one academic year after completion of a degree qualifying for a bachelor's degree recognised by the senate for this purpose.

Master's Degree

53. Subject to any provision to the contrary in the Act and this Statute, no candidate shall be admitted to the degree of master in any faculty other than the Faculty of Education until at least one year after he has satisfied the requirements of the honours degree of bachelor or at least two years after he has been admitted to the ordinary degree of bachelor or to the status thereof in the faculty concerned: Provided that in the Faculty of Education at least one year shall elapse after he has been admitted to the degree of Bachelor of Education or to the status thereof.

Doctor's Degree

54. Subject to any provision to the contrary in the Act and this Statute, no candidate shall be admitted to the degree of doctor in any faculty until at least four years after he has been admitted to the degree of bachelor or to the status thereof.

Attendance at and examinations of other universities

55. (1) Notwithstanding any provision to the contrary in this Statute and subject to the provisions of sub-paragraph 3, the senate shall accept as part of the attendance of a student at the University qualifying for admission to a degree of bachelor, other than a one-year honours degree of bachelor, periods of attendance as a registered matriculated student at another university institution recognised by the senate for this purpose: Provided that such period of attendance shall be accepted only in the case of a recognised course and that the senate may, in the case of a student, accept, so far as may be practicable, certificates of proficiency in any subject issued by the senate of such other university: Provided further that no such candidate shall be admitted to a degree unless he has complied with the provisions of sub-paragraph (2), and—

- (a) passed such examinations as the senate may determine;
- (b) paid such fees as may be prescribed; and
- (c) complied in other respects with the requirements for the degree.

(2) A candidate shall not be admitted to an ordinary degree of bachelor in terms of sub-paragraph (1) unless—

- (a) his periods of attendance at the other university or institution and at the University together are not less than the full period prescribed for admission to such degree; and
- (b) he has attended approved courses at the University—
 - (i) for the degree of Bachelor of Education, for at least the final academic year;

GENERAL RULES FOR DEGREES, DIPLOMAS AND CERTIFICATES**A. GENERAL RULES FOR ALL DEGREES***Definitions*

G.1. In these rules, unless the context indicates otherwise—

- (i) "course" means that part of the syllabus in any subject which is prescribed as a unit of study extending over one academic year, and "half-course" and "semester course" have corresponding meanings;
- (ii) "curriculum" means the collective aggregation of all those courses in various subjects which together are required to be completed as prescribed in the rules in order to comply with the requirements for a degree;
- (iii) "examination" includes the ensuing supplementary, aegrotat or special examination; and
- (iv) "Senate" includes the Dean of a Faculty acting within the scope of his authority on behalf of the Senate in dealing with a matter related to the curriculum of a student.

Registration and approval of curriculum

G.2. On the appointed day each year, or within such extended period as may be permitted, every person admitted as a student of the University shall submit his proposed curriculum for approval by the Senate, and a curriculum thus approved shall not be modified except by permission of the Senate.

G.3. Except by permission of the Senate a student shall not be registered in the same academic year for more than one degree, diploma or certificate, nor shall a student of the University be registered in the same academic year as a student of another university.

Amendment of rules

G.4. If the rules for a degree are amended, a student registered under the old rules who obtains credit in the academic year preceding the introduction of the new rules and who continues his studies without interruption may, subject to any provision to the contrary, elect to proceed under either the old or the new rules: Provided that—

- (a) such election shall be final, and
- (b) if he elects to proceed under the old rules and thereafter fails to obtain credit in any subsequent academic year or interrupts his studies at any time, he shall thenceforward be obliged to proceed under the new rules.

Condonation of breach of rules

G.5. Notwithstanding any provision to the contrary the Senate may condone a breach of the rules if it is satisfied that the student concerned was not at fault and would suffer undue hardship if the breach were not condoned.

B. GENERAL RULES FOR A DEGREE OF BACHELOR*Curriculum*

G.6. (1) Subject to the provisions of sub-paragraph (2), every student for a degree of bachelor shall attend, as a registered matriculated student, an approved curriculum in terms of the rules for the degree concerned.

(2) The Senate may approve a special curriculum within the framework of the rules for a student who has been exempted from any course or courses in terms of the provisions of the Statute or of paragraph G.14 of these rules, or who interrupted his studies prior to a change in the rules for the degree for which he is registered and is consequently obliged to proceed under the new rules.

(3) The rules for a degree may lay down what further requirements must be complied with before a degree is awarded.

G.7. Subject to any provision to the contrary a student shall not be admitted to the second or subsequent course in a subject unless he has obtained credit for the preceding course.

G.8. The rules for a degree may prescribe that —(a) a student shall not be admitted to a particular course in a subject unless he has completed specified ancillary courses in another subject or subjects or unless such courses are taken concurrently with the particular course concerned; or (b) a student shall not obtain credit for a course completed by him until such time as he completes another specified course or courses.

Examinations

G.9. (1) In order to complete a course, a student must obtain—

- (a) a year or semester mark of at least 40%;
- (b) at least 40% of the marks in the examination;
- (c) such sub-minimum as the Senate may prescribe for any specified part of the examination; and
- (d) at least 50% in the year or semester mark and the examination combined, the proportion in which the two are combined to be as determined by the Senate for each course.

(2) A student shall not be admitted to the examination at the end of a course unless he has obtained a year mark as specified in clause (a) of sub-paragraph (1).

(3) An examination shall include a written test comprising one or more papers as determined by the Senate, and may also include a practical or oral test or both.

(4) The Head of a Department in consultation with the examiners may require a student to present himself for an additional oral examination immediately after the ordinary examination, and a student shall be available for the purpose for three days after his last examination has been written.

(5) Every examination shall be held under the control of the Senate and, unless otherwise stated, shall be held at the end of the academic year.

G.10. The rules for a degree may provide that a student who fails to complete a course may be admitted to the ensuing supplementary examination and, if so, shall prescribe the conditions for admission thereto.

G.11. (1) A student who was prevented by illness on the day of an examination or immediately before it from writing or completing one or more papers may be permitted by the Rector (or an officer designated by him) to present himself for an aegrotat examination, provided he produces a medical certificate stating the nature and duration of the illness and declaring that for health reasons it was impossible or undesirable to write the examination on the specified day.

(2) A student who was prevented by family circumstances such as the death or serious illness of a relative during the examination from writing one or more papers may

be permitted by the Rector (or an officer designated by him) to present himself for a special examination, provided satisfactory evidence of such circumstances is produced.

(3) Permission in terms of sub-paragraph (1) or (2) will not be granted to a student whose application fails to reach the Registrar at least one week before the end of the academic year.

G.12. (1) A student who has failed in an examination may in a subsequent year of attendance at the University be permitted by the Head of the Department concerned to present himself for re-examination at the end of the academic year without re-attending the course concerned, provided he registers for the course and pays the prescribed fees.

(2) A student who has failed in a course which is the last outstanding requirement for his degree, may be granted permission by the Senate to present himself for re-examination at the end of a subsequent academic year without re-attending the course concerned, provided he registers for the course and pays the prescribed fees.

(3) The Senate shall not, in the case of a student re-writing without re-attendance in terms of sub-paragraph (1) or (2) hereof, take cognisance of the year mark previously obtained, but the student concerned must obtain—

- (a) at least 50% of the marks in the examination, and
- (b) such sub-minimum as is prescribed for any specified part of the examination.

G.13. A holder of a diploma or certificate, or a holder of a degree, who is required to complete only one course in order to qualify for admission as candidate for a degree, or for another degree may, by permission of the Senate, present himself for examination for the purpose at either an ordinary or a supplementary examination: Provided that permission to present himself at a supplementary examination, where such an examination would not otherwise take place, will not be given save in exceptional circumstances.

Exemptions

G.14. (1) The Senate may, subject to such conditions as it may lay down, exempt a student from a course if he has obtained credit for the same or an equivalent course towards another degree, diploma or certificate of the University: Provided that no such student shall be admitted to a degree of bachelor unless—

- (a) he has attended approved courses towards that degree as follows:—
 - (i) for the degree of Bachelor of Education, for at least the final academic year;
 - (ii) for the degree of Bachelor of Laws, for at least the final two academic years;
 - (iii) for any other degree of bachelor, for at least one-half of the total number of courses prescribed for the degree;
- (b) he shall have passed such examinations as the Senate may determine; and
- (c) he shall have complied in all other respects with the requirements for the degree.

(2) Notwithstanding the provisions of sub-paragraph (1), a student shall not select, as a major or principal subject for a degree, a subject taken by him as a major or principal subject for another degree.

Credit

G.15. (1) Subject to any provision to the contrary a student shall obtain credit for every course completed by him: Provided that the rules for a degree may lay down that a student may not proceed to the second or subsequent year of study in any particular subject or in any subject whatever until he has completed the minimum number of courses prescribed for the purpose.

(2) A student shall not obtain credit for the final course in a subject designated a major subject in the rules for a degree unless he presents himself for examination in the final courses of two such subjects simultaneously at the first attempt: Provided that if at such first attempt or thereafter he completes the final course in one major subject, he shall obtain credit therefor.

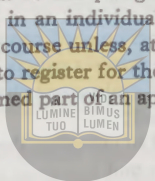
Courses attended not for degree purposes (N.D.P.)

G.16. (1) The Senate may permit a person, whether matriculated or not, to register as an occasional student for a course or courses otherwise than as a candidate for a degree, subject to such conditions as have been or may be prescribed.

(2) The Senate may permit a student registered for a degree to register for a course or courses otherwise than as part of his curriculum, and additional thereto, subject to such conditions as have been or may be prescribed.

(3) Subject to the provisions of paragraph G.14, the Senate may grant a student credit towards a degree for one or more courses completed by him while registered in terms of the provisions of sub-paragraph (1) and (2) or both, subject to such conditions as it may prescribe in an individual case: Provided that a student shall not be granted credit for any such course unless, at all relevant times—

- (a) he was suitably qualified to register for the degree concerned; and
- (b) the course could have formed part of an approved curriculum for the degree.



University of Fort Hare
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C. • GENERAL RULES FOR THE HONOURS DEGREE OF BACHELOR

Admission

G.17. A person shall not be admitted as a candidate for an honours degree of bachelor unless he—

- (a) has been admitted to a degree of bachelor at the University; or
- (b) is a graduate of any other university institution or of any university outside the Republic and has been admitted to the status of bachelor at the University; or
- (c) has passed at any other university institution or at any university outside the Republic or at any other institution considered by the Senate to be equivalent to the University, such examinations as in the opinion of the Senate are equivalent to or higher than the examinations prescribed for a degree of bachelor of the University.

G.18. A person who wishes to be admitted as a candidate for an honours degree of bachelor, must submit to the Registrar a written application setting out his qualifications and stating in which department he wishes to study.

G.19. Without prejudice to its general powers to admit or refuse admission to an applicant, the Senate may require an applicant to undergo a test on his proficiency in the subject of his proposed study if he either—

- (a) obtained the qualification on which his application is based at another university or institution; or
- (b) being a graduate of the University, did not include the subject as a major subject in his undergraduate curriculum.

Duration of course

G.20. The honours course shall extend over not less than one academic year of full-time study, but if the rules in a particular faculty so permit, a candidate may, with the approval of the head of the department concerned, attend and complete the course in two successive parts, each extending over one academic year.

Ancillary courses

G.21. The Senate may require a candidate to attend specified ancillary courses in addition to the honours course and may require him to complete such courses by examination before he presents himself for any specified part of the honours examination.

Foreign language tests

G.22. The Senate may require a candidate to pass a test in an approved modern foreign language.

Examination

G.23. (1) The honours examination shall comprise—

- (a) not less than four nor more than six papers including oral and practical papers: Provided that the number of oral papers shall not exceed that laid down in the rules for the degree concerned;
- (b) the examination prescribed to complete the ancillary subjects, if any, required in terms of paragraph G.21; and
- (c) such foreign language test, if any, as is required in terms of paragraph G.22.

(2) The examination shall be held—

- (a) in the case of an honours course taken in one part: after the completion of the course; or
- (b) in the case of an honours course taken in two parts: in such manner as is determined by the Senate, provided that as far as is practicable, each part will comprise approximately half of the papers.

(3) In order to pass the honours examination a candidate must obtain—

- (a) an aggregate of at least 50% of the marks in all the papers referred to in sub-paragraph (1)(a);
- (b) such sub-minimum as the Senate may prescribe for any paper; and
- (c) a pass mark in every other examination or test referred to in sub-paragraph (1).

Re-examination

G.24. (1) Except by permission of the Senate a candidate may not present himself for examination more than twice in the same department.

(2) If a candidate fails in an examination or test required in terms of paragraph G.23. (1)(b) or (c), but attains such standard as the Senate prescribes for the purpose, he may present himself for re-examination therein after the lapse of such period as the Senate determines.

Distinction

G.25. The degree shall be conferred with distinction on a candidate who attains in the examination such standard as is prescribed in the rules for the honours degree concerned.

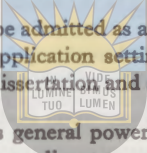
D. GENERAL RULES FOR THE DEGREE OF MASTER

Admission

- G.26. A person shall not be admitted as a candidate for a master's degree unless he—
- (a) has been admitted to an honours degree of bachelor at the University; or
 - (b) has been admitted to a postgraduate degree of bachelor at the University; or
 - (c) has been granted an appropriate postgraduate diploma as provided for in the rules of any faculty.
 - (d) is a graduate of any other university institution or of any university outside the Republic and has been admitted to the status of a holder of either of the qualifications referred to in (a) or (b) above; or
 - (e) has passed at any other university institution or at any university outside the Republic or at any other institution considered by the Senate to be equivalent to the University, such examinations as in the opinion of the Senate are equivalent to or higher than the examinations prescribed for either of the qualifications referred to in (a) or (b) above.

G.27. A person who wishes to be admitted as a candidate for a master's degree must submit to the Registrar a written application setting out his qualifications and, where applicable, the title of his proposed dissertation and an outline of his method of research.

G.28. Without prejudice to its general powers to admit or refuse admission to an applicant, the Senate may require an applicant to undergo a test on his proficiency in his subject.


 University of Fort Hare
 Together in Excellence

Minimum period of registration

G.29. A candidate shall, during not less than one academic year, prosecute advanced study or research or both under the guidance of a supervisor appointed by the Senate.

Progress requirements and provision for suspension or cancellation

G.30. The Senate may at any time suspend or cancel the registration of a candidate who in its view is not making satisfactory progress with his studies.

G.31. If a candidate fails to complete his studies within five years of registering for the degree, the Senate may refuse to renew his registration or may renew it subject to any conditions it may see fit to impose.

Examination

- G.32. A candidate shall either—
- (a) submit a dissertation on the approved topic; or
 - (b) present himself for an examination comprising at least two written papers; or
 - (c) submit a dissertation and in addition present himself for a written or oral examination as determined by the Senate on the recommendation of the Board of the Faculty concerned.

Re-examination

G.33. Except by permission of the Senate a candidate may not present himself for examination more than twice.

Dissertation

G.34. A candidate wishing to receive his degree at a particular graduation ceremony shall notify the Registrar not later than a date two weeks before the last Faculty meeting of the preceding year of his intention to submit his dissertation, and shall submit it not later than 31st December of that year, or, by special permission of the Head of the Department, not later than 31st January: Provided that this does not constitute a guarantee on the part of the University that the dissertation will have been examined in time for the ensuing graduation ceremony.

G.35. A candidate shall not submit a dissertation unless it is accompanied by a written declaration by the supervisor in which permission is granted to lodge the dissertation. Such declaration does not commit the supervisor to recommend the award of the degree.

G.36. For examination purposes a candidate shall present the dissertation in triplicate. After approval of the dissertation, and before conferment of the degree, the candidate shall submit a further seven copies, unless special permission has been granted for the submission of a smaller number.

G.37. (1) A dissertation shall, unless exemption is granted from this requirement, be typed in double spacing and be stoutly bound.

(2) The title page of a dissertation shall bear the following inscription:

1. (Full title of dissertation).....
2. by (Full name of candidate).....
3. Submitted in satisfaction/partial satisfaction of the requirements for the degree of Master of *Together in Excellence* in the Faculty of of the University of Fort Hare.
4. Date submitted.....

G.38. (1) A dissertation which has previously been submitted for a degree at another university shall not be accepted, but material taken by the candidate from existing publications and properly acknowledged may be incorporated in the dissertation.

(2) A candidate shall submit, together with his dissertation, a copy of every dissertation previously submitted by him for another degree, whether it was accepted or not.

G.39. A dissertation shall not be approved unless it provides proof of the candidate's acquaintance with the methods and techniques of research. The language must be correct and the technical workmanship satisfactory.

Distinction

G.40. A master's degree may be awarded with distinction to a candidate who in the opinion of the Senate has attained the desired standard.

Publication

G.41. If, at the date of presentation, a portion of the dissertation submitted has not been published, or is not being published in a manner satisfactory to the University, the University shall have the right to reproduce the work, in whole or in part, for purposes of research. The University may waive this right, provided that the candidate makes arrangements for publication of the work in a manner satisfactory to the University.

E. GENERAL RULES FOR THE DEGREE OF DOCTOR

Admission

G.42. Except where the rules in a particular faculty provide otherwise, a person shall not be admitted as a candidate for a doctor's degree unless he—

- (a) has been admitted to a master's degree at the University; or
- (b) is a graduate of any other university institution or of any university outside the Republic and has been admitted to the states of master at the university; or
- (c) has passed at any other university institution or at any university outside the Republic or at any institution considered by the Senate to be equivalent to the university, such examinations as in the opinion of the Senate are equivalent to or higher than the examinations prescribed for the degree of master at the University.

G.43. A person who wishes to be admitted as a candidate for a doctor's degree must submit to the Registrar a written application setting out his qualifications and, in the case of an application in terms of clause (a) of paragraph G.45, the title of his proposed thesis and an outline of his method of research.

G.44. Without prejudice to its general powers to admit or refuse admission to an applicant, the Senate may require an applicant to undergo a test on his proficiency in his subject.

How degree may be obtained:

G.45. The degree may be obtained either

- (a) by means of research on an approved topic prosecuted under the guidance of a promoter appointed by the Senate; or
- (b) on the grounds of meritorious publications, if so provided in the rules in a particular faculty.

Provision for suspension or cancellation

G.46. The Senate may at any time suspend or cancel the registration of a candidate who in its view is not making satisfactory progress with his studies.

Examination

G.47. (1) A candidate admitted in terms of clause (a) of paragraph G.45 shall submit a thesis on the approved topic and, if so prescribed in the rules of the Faculty or required by the examiners, present himself for an oral or written examination on the subject of his thesis or the relevant subject as a whole.

(2) A candidate admitted in terms of clause (b) of paragraph G.45 shall submit his publications for examination, in which case the rules relating to the submission of a thesis shall apply *mutatis mutandis*.

G.48. (1) A candidate may not submit a thesis unless his promoter has reported to the Senate that he is satisfied with the candidate's knowledge of the subject as a whole.

(2) The Senate may require a candidate to attend and by examination to complete a programme of study before he may submit his thesis.

Re-examination

G.49. Except by permission of the Senate a candidate may not present himself for examination more than twice.

Thesis

G.50. A candidate wishing to receive his degree at a particular graduation ceremony shall notify the Registrar not later than a date two weeks before the last Faculty meeting of the preceding year of his intention to submit his thesis, and shall submit it not later than 31 December of that year, or, by special permission of the Head of the Department, not later than 31 January: Provided that this does not constitute a guarantee on the part of the University that the thesis will have been examined in time for the ensuing graduation ceremony.

G.51. For examination purposes a candidate shall present the thesis in triplicate. After approval of the thesis, and before conferment of the degree, the candidate shall submit a further seven copies, unless special permission has been granted for the submission of a smaller number.

G.52. When submitted, a thesis shall be accompanied by a declaration by the candidate as to the extent to which it represents his own work, both in conception and execution.

G.53. (1) A thesis shall, unless exemption is granted from this requirement, be typed in double spacing and be stoutly bound.

(2) The title page of a thesis shall bear the following inscription:

1. (Full title of thesis) *University of Fort Hare*.....
2. by (Full name of candidate) *et al. in Excellence*.....
3. Submitted in satisfaction/partial satisfaction of the requirements for the degree of Doctor of.....in the Faculty of..... of the University of Fort Hare.
4. Promoter.....
5. Date submitted.....

G.54. (1) A thesis which has previously been submitted for a degree at another university shall not be accepted, but material taken by the candidate from existing publications and properly acknowledged may be incorporated in the thesis.

(2) A candidate shall submit together with his thesis, a copy of every dissertation or thesis previously submitted by him for another degree, whether it was accepted or not.

G.55. A thesis shall not be approved unless it provides proof of original work by the candidate and constitutes a distinct contribution to the knowledge of and insight into the subject.

Publication

G.56. If, at the date of presentation, a portion of the thesis submitted has not been published, or is not being published in a manner satisfactory to the University, the University shall have the right to reproduce the work, in whole or in part, for purposes of research. The University may waive this right: Provided that the candidate makes arrangements for publication of the work in a manner satisfactory to the University.

F. GENERAL RULES FOR DIPLOMAS AND CERTIFICATES

G.57. The general rules for all degrees and the rules for a degree of bachelor shall apply *mutatis mutandis* to all diplomas and certificates awarded by the University: Provided that any rules which refer to matriculation as a prerequisite for admission shall not apply to those diplomas and certificates for which matriculation is not a prerequisite.



University of Fort Hare
Together in Excellence

Faculty of Theology

Degrees and Diplomas

Th. 1. (1) The following degrees are conferred in the Faculty:

Bachelor of Theology	B. Theol.
Bachelor of Theology (Honours)	B. Theol. (Hons.)
Master of Theology	M. Theol.
Doctor of Theology	D. Theol.

(2) The following diploma is granted in the Faculty:
Diploma in Theology.

The following faculty rules are to be read in conjunction with the provisions of the Act, Statute, regulations and general rules.

The Degree of Bachelor of Theology

Th. 2. (1) The curriculum shall extend over three or four years of full-time study and includes the following courses:

- (a) Old and New Testament I, II and III (compulsory major subject)
(b) Systematic Theology I, II and III (second major subject)

and
Ecclesiastical History and Missiology I and II
or

- (c) Ecclesiastical History and Missiology I, II and III (second major subject)

and

Systematic Theology I and II

- (d) Philosophy of Religion and Comparative Religion I
(e) Greek I B
(f) Pastoral Theology
(g) Hebrew I

(2) In addition, students must complete Greek IA, unless exempted therefrom by the Head of the Department of Classical Languages.

Three Year Curriculum

Th. 3. (1) The following courses are prescribed for the first year of study of the three year curriculum:

- (i) Old and New Testament I
(ii) The first course of the second major
(iii) and (iv) Two other courses selected from the list in paragraph Th.2.(1)

(2) A student shall not be admitted to any of the prescribed courses of the second year until he has successfully completed at least two of the courses referred to in paragraph (1) above.

Th. 4. The following courses are prescribed for the second year of the three year curriculum:

- (i) Old and New Testament II
- (ii) The second course of the second major
- (iii), (iv) and (v) Three other courses chosen from the list in paragraph Th.2.(1)

Th. 5. The following courses are prescribed for the third year of the three year curriculum:

- (i) Old and New Testament III
- (ii) The third course of the second major
- (iii) The remaining subject from the list in paragraph Th.2.(1)

Four Year Curriculum

Th. 6. (1) The following courses are prescribed for the first year of the four year curriculum:

- (i) Hebrew I
- (ii) Philosophy of Religion and Comparative Religion I
- (iii) Greek IA

- (2) A student shall not be admitted to any of the prescribed courses of the second year until he has successfully completed at least two of the courses referred to in paragraph (1) above.

Th. 7. The following courses are prescribed for the second year of the four year curriculum:

- (i) Old and New Testament I
- (ii) The first course of the second major
- (iii) and (iv) Two other courses selected from the list in paragraph Th.2. (1)

Th. 8. The following courses are prescribed for the third year of the four year curriculum:

- (i) Old and New Testament II
- (ii) The second course of the second major
- (iii) One other course selected from the list in paragraph Th.2.(1)

Th. 9. The following courses are prescribed for the fourth year of the four year curriculum:

- (i) Old and New Testament III
- (ii) The third course of the second major
- (iii) The remaining subject from the list in paragraph Th.2.(1)

Examination

Th. 10. (1) In order to complete a course, a student must comply with the requirements laid down in the general rules for a degree of Bachelor and obtain a sub-minimum of at least 35% in each paper.

- (2) The year mark and the examination shall be combined in equal proportions.

Supplementary Examinations

- Th. 11. (1) A student in his first year of study will be admitted to a supplementary examination in a course in which he has failed, provided he has obtained:
- a year mark of at least 50%;
 - at least 40% of the marks in the examination; and
 - the pass mark in at least two other courses at the same examination.
- (2) A student in his second year of study will be admitted to a supplementary examination in a course in which he has failed, provided he has obtained:
- a year mark of at least 50%;
 - an average of at least 45% for the year mark and examination combined; and
 - the pass mark in at least two other courses at the same examination.
- (3) A student in his third year of study will be admitted to a supplementary examination in a course in which he has failed:
- in the final course of a major subject, provided he has obtained:
 - a year mark of at least 50%;
 - an average of at least 45% for the year mark and examination combined;
 and has completed the final course of his other major subject;
 - in one other course, provided it is the last remaining requirement for his degree.

University of Fort Hare

*Together in Excellence.**Distinction*

- Th. 12. A student shall be awarded a pass with distinction in a subject if he obtains at least 75% of the marks in the examination in the third course in that subject.

The Degree of Bachelor of Theology (Honours)*Admission*

- Th. 13. (1) A person shall not be admitted as a candidate for the degree of Bachelor of Theology (Honours) unless he:
- has been admitted to the degree of Bachelor of Theology or to the status of Bachelor of Theology at the University; *or*
 - has been admitted to the degree of Bachelor of Arts at the University with Biblical Studies and Systematic Theology as his major subjects; *or*
 - has been admitted to the status of Bachelor of Arts at the University by virtue of possession of the degree of Bachelor of Arts of another university with Biblical Studies and Systematic Theology as his major subjects; *or*
 - qualifies in terms of paragraph G.17 (c) of the general rules for the honours degree of Bachelor.
- (2) A person holding such a degree of Bachelor of Arts shall not be admitted as candidate for the degree unless:
- he has complied with the language requirements for the degree of Bachelor of Theology;

- (b) he has obtained credit for Ecclesiastical History and Missiology I, Pastoral Theology I, and Philosophy of Religion and Comparative Religion I;
- (c) he successfully completes an ancillary examination in the prerequisites for his major direction of study, should the head of that department require it.

Duration of Course

Th. 14. The honours course shall extend over not less than two academic years of full-time study.

The Honours Course

Th. 15. (1) The degree may be conferred in one of the following major subjects:

- (i) Old Testament
- (ii) New Testament
- (iii) Systematic Theology
- (iv) Ecclesiastical History and Missiology

(2) In addition to the major subject selected for honours, a candidate shall complete:

- (a) ancillary courses in
- (i) Pastoral Theology
 - (ii) and (iii) two subjects in paragraph (1) not selected as the major subject for honours.

(b) the following courses offered in the Faculty of Arts, unless exempted on the grounds of courses previously completed:

- (i) Hebrew II, for the subject of O.T. Studies
- (ii) Greek II, for the subject of N.T. Studies

(iii) Special Latin

or

Special German

or

Hebrew II

or

Greek II

} for the subject of Systematic Theology

(iv) Special Latin

or

Special German

} for the subject of Ecclesiastical History and Missiology

(3) A candidate holding the degree of Bachelor of Arts with Biblical Studies and Systematic Theology as his major subjects must take Ecclesiastical History and Missiology II during the first year of the honours course.

Examination

Th. 16. (1) The examination shall comprise:

- (a) five or six papers of three hours each in the subject selected for honours in terms of paragraph Th.15.(1);
- (b) one paper of three hours in each of the three ancillary subjects prescribed in terms of paragraph Th.15. (2).

- (2) Oral examinations may be substituted for not more than three of the written papers.

Th. 17. The Senate may require a student to present himself for all the papers at one and the same examination, or may require some papers to be written at the end of the first academic year and the rest at the end of the second academic year.

Distinction

Th. 18. The degree shall be conferred with distinction on a candidate who has obtained an average of at least 75% of the marks for any five papers.

The Degree of Master of Theology

For details about qualification for registration, duration of course and dissertation see the Statute and the General Rules for the degree of Master.

Subject requirements

- Th. 19. (1) The degree may be conferred in the subject taken by the candidate for his honours degree.
- (2) In addition to the subject selected a candidate shall complete:
- (a) for O.T. Studies: Hebrew III or Aramaic I or Ugaritic I or Accadian I or Modern Hebrew I;
 - (b) for N.T. Studies: Greek III or Aramaic I or Coptic I;
 - (c) for Systematic Theology: Latin I or German I or Greek II;
 - (d) for Ecclesiastical History: Latin I or German I or Special Latin and Greek II or Special German and Greek II.
 - (e) for Missiology: Special German and a reading knowledge of Dutch.

Examination

Th. 20. A candidate shall present himself for an examination comprising four written papers of three hours each and shall, in addition, submit a dissertation which shall be marked as a fifth paper.

Distinction

Th. 21. The degree shall be conferred with distinction on a candidate who has obtained an aggregate of at least 75% of the marks for the examination and the dissertation.

The Degree of Doctor of Theology

Consult the Statute and the General Rules for the Degree of Doctor.

Diploma in Theology

Admission

- Th. 22. A person shall not be registered as a student unless:
- (a) he has obtained the School-leaving Certificate (not lower than S2) of the Joint Matriculation Board or a certificate recognised by the Senate as equivalent thereto, or
 - (b) he has satisfied the Senate that by virtue of his maturity he is competent to attend the course.

Duration of Curriculum

Th. 23. The curriculum shall extend over three or four years of full-time study.

Composition of Curriculum

Th. 24. (1) The curriculum shall comprise the following courses:

Old and New Testament I, II, III
 Systematic Theology I, II
 Ecclesiastical History and Missiology I, II

either

Systematic Theology III

or

Ecclesiastical History and Missiology III

Philosophy of Religion and Comparative Religion I

Greek I, or Hebrew I, or Social Anthropology I, or Psychology I, or Xhosa I.

(2) A student may not take more than five courses in any academic year.



CLASSICAL HEBREW
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Course I**Paper 1: Language**

(a) Principles of Hebrew grammar (script, phonetics, accents, accidence of pronoun, strong noun, irregular nouns, particles, numerals up to 100 and strong verbs, with verbal suffixes).

(b) Simple translations from and into Hebrew.

Paper 2: Background

(Students who have Biblical Studies I to their credit are exempted from paper 2.)

(a) A survey of Biblical Archeology.

(b) Israelite history and its Near Eastern background from the beginning to the destruction of the First Temple.

(c) Survey of Biblical Geography

Course II**Paper 1: Language and Text**

(a) Principles of Hebrew grammar (weak verbs and nouns derived from them, comparison, particles) with translations from and into Hebrew.

(b) Principles of Hebrew syntax, with relevant exercises.

(c) Philological study of six chapters from the historical, six chapters from the prophetic and six chapters from the wisdom literature of the O.T. with exercises in textual criticism.

Paper 2: Background

(Students who have Biblical Studies II to their credit are exempted from Paper 2.)

(a) The nature of Hebrew language and thought.

(b) The history of the Jews from the destruction of the First Temple to the destruction of the Second Temple.

Course III

Paper 1: Language

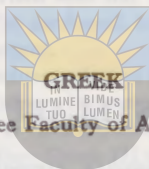
(a) Characteristics of the Hebrew language and an introduction to Semitic linguistics.

(b) A study of Qumran documents.

Paper 2: Aramaic I or Ugaritic I or Coptic I or Accadian I or Modern Hebrew I

(a) Introductory grammar and outline of the literature of one of the languages above.

(b) Translation from seen and unseen texts into English or Afrikaans. (Candidates who wish to take but one of the ancillary languages listed above on a one year basis write only Paper 2.)



University of Fort Hare OLD AND NEW TESTAMENT

For B.Theol. students

Course I

Paper 1: Old Testament

(a) General introduction to the Old Testament (Canon and Text).

(b) The task, history and method of Old Testament introduction.

(c) Special introduction to the Old Testament literature Part I (Pentateuch and the Former Prophets).

Paper 2: New Testament

(a) General introduction to the New Testament (Canon and Text).

(b) The message of the New Testament in broad outline.

(c) Special introduction to the New Testament literature Part I (The Gospels and Acts).

Course II

Paper 1: Old Testament

(a) The prophetic movement.

(b) Special introduction to the Old Testament literature Part II (The pre-exilic and post-exilic prophets).

(c) Introduction to forms and types of the Old Testament literature.

(d) Old Testament Theology (Part I).

Paper 2: New Testament

- (a) The New Testament Apostle.
- (b) Special introduction to the New Testament literature Part II (The Pauline Epistles).
- (c) Introduction to forms and types of the New Testament literature.
- (d) New Testament Theology Part I.

Course III**Paper 1: Old Testament**

- (a) The post-exilic period: Spirit, Apocalyptic.
- (b) Introduction to the Old Testament literature Part III.
- (c) Old Testament Theology Part II.
- (d) The history of the religion of Israel.

Paper 2: New Testament

- (a) Paul and his recent interpreters.
- (b) Introduction to the New Testament literature Part III (Hebrews to Revelation.)
- (c) New Testament Theology Part II.
- (d) Introduction of New Testament Ethics.

Paper 3: Exposition of the Scriptures**Section A: Old Testament**

- (a) Principles of Old Testament hermeneutics.
- (b) Examples to show the principles of textual criticism taken from the Biblia Hebraica.
- (c) Exercises in the exegesis of the Old Testament using the Hebrew text.

Section B: New Testament

- (a) The principles of New Testament hermeneutics.
- (b) The principles of New Testament textual criticism.
- (c) Exercises in the exegesis of the New Testament using the Greek text.

SYSTEMATIC THEOLOGY**Course I****Introductory**

1. General introduction to the study of theology:
 - (a) Theology: its relevance, position, necessity and task, sources, nature, norm. The theologian's approach to theological work.
 - (b) Theology: its relation to philosophy, science, history, language.
2. Introduction to the basic Christian doctrines following the pattern of the Apostles' Creed.
3. Introduction to Christian ethics.

The Doctrine of Revelation

The concept of revelation; revelation as the Word of God; general revelation; knowledge and certainty; Holy Scripture.

Course II

Paper 1: The Doctrine of God

1. The doctrine of the Trinity.
2. The reality and perfections of the living God; Knowledge of God.
3. The foundation of theological ethics; the command and claim of God.

Paper 2. The Doctrine of Creation

1. God and creation; the divine providence and ruling.
2. The Christian understanding of man.
3. Ethics of human relationships; grace and freedom in ethics.

Course III

Paper 1: Soteriology

1. The person and work of Jesus Christ; incarnation, atonement, and reconciliation.
2. The Christian understanding of man as sinner.
3. Election and predestination; the grace and sovereignty of God.

Paper 2: Pneumatology and Ecclesiology

1. The person and work of the Holy Spirit; faith and regeneration.
2. The new life in Christ; sanctification, and discipleship.
3. The corporate life of the Christian; the nature, worship, ministry, and mission of the Church.

Paper 3: Eschatology

1. The eschatological perspective and Christian hope; varieties of interpretation.
2. The kingdom of God as the meaning and goal of history; cosmic and individual destinies.
3. The coming of Jesus Christ and the last things.

ECCLESIASTICAL HISTORY AND MISSIOLOGY

Course I

The first six centuries: the expansion of the church, important church fathers, theological development, Councils and Creeds.

Course II

Paper 1

The Medieval Church.

Paper 2

The Reformation Era (1517-1648): Leading reformers, the reformation in Germany, Switzerland and England, the theology of the reformers, the Counter-Reformation, Creeds and Confessions of this period.

Course III

Paper 1

The period 1648-1914: Theological developments, the great century of missions.

Paper 2

- (a) The history of the Church in Africa with special reference to South Africa.
 (b) An introduction to Missiology.

Paper 3

- (a) The Church and Church History.
 (b) Modern Church History.
 (c) The Ecumenical Movement.

PASTORAL THEOLOGY

(One paper)

- (A) Basis and aim of the practice of the New Testament Church with regard to: Homiletics, Catechetics, Liturgics, Poimenics, Cybernetics and Diaconics
 (B) The quest for an application of the finding of the study in (A) above to the circumstances of the younger Churches in Africa.

**COMPARATIVE RELIGION AND PHILOSOPHY OF RELIGION I**

University of Fort Hare

(One paper)

*Together in Excellence***A. Comparative Religion**

1. An introductory study of the history and main principles of Animism, African traditional religion, Islam, Hinduism, Buddhism, Judaism, Shintoism, Confucianism.
2. Christianity and Comparative Religion.

B. Philosophy of Religion

An introductory study of some basic problems in the Philosophy of Religion: the concept of religion; religious knowledge, scepticism and agnosticism; metaphysical systems; the idea of God (including the traditional arguments for God's existence); God and the world (including the idea of providence); freewill and determinism; religion and ethics; immortality.

B.THEOL. (HONS.)**I: B.THEOL. (HONS.) WITH MAIN EMPHASIS ON OLD TESTAMENT****Paper 1**

- (a) A survey of Near Eastern archaeology and history, significant to life and institutions of Ancient Israel.
 (b) A study of the inter-Testamental period and its cultural, literary and ideological background.
 (c) Illustrations of the principles of textual criticism taken from the Biblia Hebraica.

Paper 2

Exegetical study (including grammatico-historical and theological data) of approximately fifteen prescribed chapters from various parts of the Old Testament (using the Hebrew text).

Paper 3

A historical and critical study of the leading schools of Old Testament interpretation.

Paper 4

Theology of the Old Testament with particular reference to God, Man, the Sacrificial System, the Messianic Hope.

Paper 5

Old Testament—New Testament Interrelationship:

(a) The significance of the Old Testament for the understanding of the event of Christ in the New Testament.

(b) The differences between the concepts of the Old Testament Canon in Synagogue and Church.

(c) The nature of Paul's theological criticism of the Old Testament.

Paper 6

(a) Exegetical study (including grammatico-historical and theological data) of approximately six prescribed chapters from various parts of the New Testament (using the Greek text).

(b) The unity and variety of the revelation of God in the New Testament.



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II: B.THEOL. (HONS.) WITH MAIN EMPHASIS ON NEW TESTAMENT

Paper 1

(a) The cultural and religious environment of New Testament times.

(b) Survey of the Inter-Testamental period.

(c) Illustrations of the principles of textual criticism taken from the Greek New Testament.

Paper 2

Exegetical study (including grammatico-historical and theological data) of approximately twenty prescribed chapters from various parts of the New Testament (using the Greek text).

Paper 3

A historical and critical study of the leading schools of New Testament interpretation.

Paper 4

The unity and variety of the revelation of God in the New Testament.

Paper 5

(a) The relationship between the New and the Old Testament.

(b) The concept of a New Testament Canon.

(c) The Old Testament and the Messianic consciousness of Jesus.

Paper 6

(a) Exegetical study (including grammatico-historical and theological data) of approximately six prescribed chapters from various parts of the Old Testament (using the Hebrew text).

(b) Theology of the Old Testament with particular reference to God, Man, the Sacrificial System, the Messianic Hope.

III: B.THEOL. (HONS.) WITH MAIN EMPHASIS ON SYSTEMATIC THEOLOGY**Paper 1**

(a) The nature and method of Dogmatics, including present-day problems and the question of theological statement in Africa.

(b) A survey of theological development from the 18th to the early 20th century including such names as Rousseau, Kant, Hegel and the Hegelians, Schleiermacher, Ritschl, Coleridge, Maurice, Newman, Feuerbach, Kierkegaard, and Troeltsch.

Paper 2

(a) The possibility, nature, and history of Christian apologetics.

(b) Communication of the Gospel to-day, taking account of modern science, philosophies, social movements, and living world religions. Special reference will be made to Africa.

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Paper 3

Christian ethics. A survey of systems of ethics, Christian and non-Christian. Modern views of man with resultant ethical theories. Problems in relating theology, faith, and ethics. Moral reasoning in the modern community: areas of international concern, of national, industrial and economic concern, and of family and personal concern. Moral reasoning and the pastoral ministry.

Paper 4

The study of a particular Christian doctrine in depth. (An extended essay of 10 000 words may be substituted for the examination).

Paper 5

A study, against their background, of two theologians or fundamental theological questions to be chosen from the early, medieval, or reformation periods.

Paper 6

The critical study of one or two recent or contemporary theologians or types of theology.

Note: Attention must be given throughout to Biblical foundations, and where applicable also to the catholic creeds and later confessional developments, and to the use of primary sources where appropriate.

IV: B.THEOL (HONS.) WITH MAIN EMPHASIS ON ECCLESIASTICAL HISTORY AND MISSIOLOGY

Paper 1

- (a) The development and methods of ecclesiastical Historiography.
- (b) Study of an important period of doctrinal development.

Paper 2

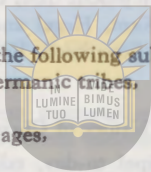
A special study in Church History and History of Doctrines from the original sources covering one of the following periods:

- (a) the early period until Gregory I,
or
- (b) the Middle-ages,
or
- (c) Reformation and Counter Reformation,
or
- (d) Post-Reformatory period.

Paper 3

History of Missions: One of the following subjects:

- (a) Christianizing of the Germanic tribes,
or
- (b) Missions in the Middle ages,
or
- (c) Christianizing of Africa south of the Sahara,
or
- (d) The world mission of the Church in the Twentieth Century.



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Paper 4

Study of the life and work of:

- (a) A Church Father.
- (b) One of the Reformers.

Paper 5

A study of the following Councils:

- (a) Trent
- (b) First and Second Vatican Council.

Paper 6

Theory of Missions:

1. The Christian Message in a non-Christian World.
2. Mission and Church.
3. Mission and the Oecumene.

V: B.THEOL. (HONS.): PASTORAL THEOLOGY (ANCILLARY)

(One paper)

- (a) History and significance of the discipline of Pastoral Theology.
- (b) Pastoral Psychology with special reference to the younger Churches in Africa.

Faculty of Law

DEGREES AND CERTIFICATES IN LAW

L1. The following degrees are granted:—

- | | |
|-------------------------------------|---------|
| (1) Bachelor of Law..... | B.Jur. |
| (2) Baccalaureus Procurationis..... | B.Proc. |
| (3) Bachelor of Laws..... | LL.B. |
| (4) Master of Laws..... | LL.M. |
| (5) Doctor of Laws..... | LL.D. |

L2. The following certificate is granted:—
Public Service Law Certificate.

Regulations

The following faculty rules are to be read in conjunction with the provisions of the Act, Statute, regulations and general rules.

Exemption

L3. Exemption may be granted, on the ground of previous study, from not more than one half of the courses required for any particular degree or certificate: Provided, however, that candidates holding a B.Jur. or B.Proc. degree shall be entitled, upon proceeding to the LL.B., to exemption from all such courses prescribed for the latter degree as they may have passed in obtaining either the B.Jur. or B.Proc. degrees.

Non-degree and Non-certificate Purposes

L4. Except with the permission of the Senate, not more than one course may be taken for non-degree and non-certificate purposes. Such course may be taken during any year of study: Provided that at no time shall more than two courses (including courses being repeated because of previous failure) be taken in addition to the number of courses prescribed for a particular year.

Order of Courses

L5. On the recommendation of Faculty, Senate may permit a student to follow the courses in an order other than that prescribed in L11, L15, L20, L21, L22 and L31.

Admission to Examination

L6. A candidate may not present himself for examination in any course unless he has attained a year mark of at least 40%.

Pass mark

L7. To pass a course, a candidate shall obtain at least 40% in the examination, and, in addition thereto, an average for the year mark and the examination of at least 50%, such year mark and examination mark to carry equal weight for this purpose.

Distinction

L8. A candidate shall pass a course with distinction if he obtains a pass mark of at least 75%.

Supplementary Examinations

L9. (1) A student will be admitted to a supplementary examination in a course in which he has failed if he has obtained—

- (a) an average of at least 45% for the year mark and examination mark combined, at least 50% for either his year mark or examination mark and at least 40% for the examination mark; and
- (b) the pass mark in at least two other courses at the same examination.

(2) The above requirements may be waived if the course concerned is the last requirement for the degree and the student did in fact present himself for the examination therein.

Bachelor of Law*Admission to the Course of Study*

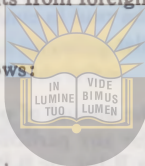
L10. To be admitted to the course of study candidates shall possess a Matriculation or Matriculation Exemption Certificate, or a certificate of conditional exemption from Matriculation issued to students from foreign countries.

Curriculum

L11. The courses shall be as follows:

First Year :

- (i) Private Law I
- (ii) African Law
- (iii) Juridical Interpretation
- (iv) Political Science I, or Development Policy and Administration I, or Special Latin, or Latin in Excellence

*Second Year :*

- (i) Private Law II
- (ii) Constitutional and Administrative Law
- (iii) Mercantile Law I
- (iv) Criminal Law
- (v) Roman Law

Third Year :

- (i) Private Law III
- (ii) Mercantile Law II
- (iii) Evidence
- (iv) Criminal Procedure
- (v) Civil Procedure

Completion of Curriculum

L12. (1) To be admitted to the second year of the curriculum a student shall have completed at least three courses of the first year: Provided that a student who has not more than two courses in his first year outstanding, may take one second year course in addition to such outstanding first year courses. To be admitted to the third year, a student shall have completed all the courses of the first year and at least three courses of the second year: Provided that a student who has not more than three second year courses outstanding, may take one third year course in addition to such outstanding courses.

(2) A student shall receive credit for each individual course which he has passed, save in the third year when he shall receive credit only if he has passed simultaneously in at least two courses of that year.

Pass with Distinction

L13. To obtain the degree with distinction, a student shall pass all the courses of the final year simultaneously, three of them with distinction, and achieve an average of 70% in all five courses.

Baccalaureus Procuratoris

Students' attention is drawn to the circumstance that they will not be admitted as attorneys unless they have passed the required Matriculation examination in English.

It is a requirement of the Board for the Recognition of Professional Examinations in Law that an approved curriculum shall include at least one second course in a non-legal subject.



Admission to the Course of Study

L14. To be admitted to the course of study candidates shall possess a Matriculation or Matriculation Exemption Certificate or a certificate of conditional exemption from Matriculation issued to students from foreign countries.

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Curriculum

L15. The courses shall be as follows:

First Year :

- (i) Private Law I
- (ii) African Law
- (iii) Juridical Interpretation
- (iv) Political Science I, or Development Policy and Administration I

Second Year :

- (i) Private Law II
- (ii) Constitutional and Administrative Law
- (iii) Afrikaans-Nederlands I or Special Afrikaans
- (iv) Development Policy and Administration II, or Political Science II

Third Year :

- (i) Special Latin, or Latin I
- (ii) Accounting for Attorneys
- (iii) Mercantile Law I
- (iv) Criminal Law
- (v) Roman Law

Fourth Year :

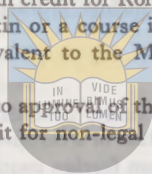
- (i) Private Law III
- (ii) Mercantile Law II
- (iii) Evidence
- (iv) Criminal Procedure
- (v) Civil Procedure

L16. (1) To be admitted to the second year of the curriculum a student shall have completed at least three courses of the first year: Provided that a student who has not more than two courses in his first year outstanding may take one second year course in addition to such outstanding first year courses. To be admitted to the third year, a student shall have completed all the courses of the first year and at least three courses of the second year: Provided that a student who has not more than two second year courses outstanding, may take one third year course in addition to such outstanding courses. To be admitted to the fourth year, a student shall have completed all the courses of the first and second years and at least three courses of the third year: Provided that a student who has not more than three third year courses outstanding, may take one fourth year course in addition to such outstanding courses.

(2) A student shall receive credit for each individual course which he has passed, save in the fourth year, when he shall receive credit only if he has passed simultaneously in at least two courses of such year.

(3) A student shall not obtain credit for Roman Law, until he shall have passed the Matriculation Examination in Latin or a course in Latin which is certified by the Joint Matriculation Board, to be equivalent to the Matriculation examination in Latin (eg. Special Latin).

(4) A student may, subject to approval of the Senate on the recommendation of the Board of the Faculty, obtain credit for non-legal courses other than those prescribed for the degree.



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Pass with Distinction

L17. To obtain the degree with distinction, a student shall pass in all the courses of the final year simultaneously, three of them with distinction, and achieve an average of 70% in all five courses.

Bachelor of Laws

Admission to the Course of Study

L18. A student shall not be admitted to the course of study unless he holds a Bachelor's degree.

General Curriculum

L19. The courses shall be as follows:

- (i) Private Law I
- (ii) Private Law II
- (iii) Private Law III
- (iv) Roman Law
- (v) Constitutional and Administrative Law
- (vi) Mercantile Law I
- (vii) Juridical Interpretation
- (viii) Criminal Law
- (ix) African Law
- (x) Mercantile Law II
- (xi) Evidence
- (xii) Criminal Procedure
- (xiii) Civil Procedure

- (xiv) Conflict of Laws
- (xv) Advanced Private Law A
- (xvi) Social and Economic Legislation
- (xvii) Public International Law
- (xxviii) Advanced Constitutional and Administrative Law
- (xix) Advanced Criminal Law and Procedure
- (xx) Advanced Private Law B (one semester)
- (xxi) Comparative African Law
- (xxii) Jurisprudence
- (xxiii) English I or Practical English
- (xxiv) Afrikaans-Nederlands I or Special Afrikaans
- (xxv) Latin I
- (xxvi) A dissertation of limited scope

Dissertation

A student shall select a topic for his dissertation in consultation with the Dean before the end of the first semester of his penultimate year of study. He shall present a draft of such dissertation to his promoter by the beginning of the first semester in his final year of study. The final dissertation shall be submitted by the beginning of the following semester.

Curriculum following upon a Bachelor of Law

L20. (1) The courses shall be as follows:

First Year (fourth year of study)

- (i) Advanced Private Law A
- (ii) Social and Economic Legislation
- (iii) Public International Law
- (iv) and (v) Two of English I (or Practical English), Afrikaans-Nederlands I (or Special Afrikaans), or Latin I
- (vi) Comparative African Law
- (vii) Conflict of Laws

Second Year (fifth year of study)

- (i) Advanced Constitutional and Administrative Law
- (ii) Advanced Criminal Law and Procedure
- (iii) Advanced Private Law B (one semester*)
- (iv) Jurisprudence
- (v) Whichever of English I (or Practical English), Afrikaans-Nederlands I (or Special Afrikaans), or Latin I has not been previously passed
- (vi) Dissertation of limited scope

(2) To be admitted to the second year of the curriculum a student shall have passed at least three courses of the first year: Provided that a student who has three courses of the first year outstanding, may take one course from the second year in addition to such outstanding courses.

(3) A student shall receive credit for each individual course which he has passed, save in the second year when he shall receive credit only if he has passed simultaneously in at least four courses of such year (of which the dissertation may be one).

*The examination in this course will be written at the end of the first semester.

Curriculum following upon a B.Proc.

L21. (1) The courses shall be as follows:

First Year (fifth year of study) :

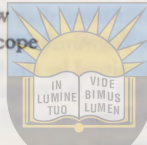
- (i) Advanced Private Law A
- (ii) Social and Economic Legislation
- (iii) Public International Law
- (vi) English I (or Practical English)
- (v) Latin I
- (vi) Conflict of Laws

Second Year (sixth year of study) :

- (i) Advanced Constitutional and Administrative Law
- (ii) Advanced Criminal Law and Procedure
- (iii) Advanced Private Law B (one semester*)
- (iv) Jurisprudence
- (v) Comparative African Law
- (vi) Dissertation of limited scope

(2) As in L20. (2)

(3) As in L20. (3)



Curriculum following upon a B.A. (with eight credits)

L22. (1) The courses shall be as follows:

First Year (fourth year of study) :

- (i) Juridical Interpretation
- (ii) Conflict of Laws
- (iii) Criminal Law
- (iv) Law of Evidence
- (v) Mercantile Law I
- (vi) Whichever of English I (or Practical English), Afrikaans-Nederlands I (or Special Afrikaans), Latin I, or Constitutional and Administrative Law has not been previously passed.

Second Year (fifth year of study) :

- (i) Advanced Private Law A
- (ii) Mercantile Law II.
- (iii) Law of Criminal Procedure
- (iv) Law of Civil Procedure
- (v) Social and Economic Legislation
- (vi) Public International Law

Third Year (sixth year of study) :

- (i) Advanced Constitutional and Administrative Law
- (ii) Advanced Criminal Law and Procedure
- (iii) Advanced Private Law B (one semester*)
- (iv) Jurisprudence
- (v) Comparative African Law
- (vi) Dissertation of limited scope

*The examination in this course will be written at the end of the first semester.

(2) As in L12. (1).

(3) A student shall receive credit for all individual courses passed save in the third year when he shall receive credit only if he has passed simultaneously in at least four full courses of such year (of which the dissertation may be one).

Distinction

L23. To obtain the degree with distinction, a student shall obtain an average of 70% for all law courses, and shall, in addition thereto, obtain distinctions in five of the final year law courses (for which purpose the dissertation shall count as a law course).

Master of Laws

Admission

L24. The degree shall not be granted until a student shall have held a LL.B. or an equivalent degree for a period of not less than one year.

Requirements

L25. (1) A dissertation on an approved topic.

(2) An oral examination on the field of study of the dissertation, to be undergone before the dissertation is submitted for consideration.

(3) The General Rules relating to Master's degrees shall apply *mutatis mutandis*.

Distinction

L26. The degree may be obtained with distinction.

Doctor of Laws

Admission

L27. The degree shall not be granted until a student shall have held a LL.B. or an equivalent degree for a period of not less than three years.

Requirements

L28 (1) (i) A thesis on an approved topic.

(ii) An oral examination on the field of study of the thesis, to be undergone before the thesis is submitted for consideration.

(iii) The General Rules relating to Doctor's degrees shall apply *mutatis mutandis*.

(2) The LL.D. degree may also be conferred on the ground of meritorious publications.

Public Service Law Certificate

Admission to the Course of Study:

L29. To be eligible for admission to the Public Service Law Examination course a candidate shall be in possession of a matriculation certificate of the Joint Matriculation Board or a certificate of full or provisional exemption issued by that Board, or a school-leaving certificate.

Curriculum

L30. The courses shall be as follows:

First Year :

- (i) Private Law I
- (ii) African Law
- (iii) Juridical Interpretation
- (iv) Development Policy and Administration I.

Second Year :

- (i) Private Law II
- (ii) Constitutional and Administrative Law
- (iii) Mercantile Law I
- (iv) Roman Law
- (v) Criminal Law

Third Year :

- (i) Private Law III
- (ii) Law of Evidence
- (iii) Law of Criminal Procedure
- (iv) Law of Civil Procedure



Completion of curriculum :

L31. (1) To be admitted to the second year, a student shall have completed at least three courses of the first year: Provided that a student who has not more than two courses of the first year outstanding, may take one second year course in addition to such outstanding courses. To be admitted to the third year, a student shall have completed all the courses of the first year and at least three courses of the second year: Provided that a student who has not more than three courses of the second year outstanding, may take one third year course in addition to such outstanding courses.

(2) As in L12. (2).

Distinction :

L32. As in L13.

L33. The rules which regulate the completion of curriculum, regarding degrees and certificates, may, in special circumstances, where transitional difficulties occur, be relaxed by Senate on recommendation of Faculty.

SYLLABI

DEPARTMENT OF PRIVATE LAW

A. Private Law (South African Roman-Dutch Law,)

Course I (The Law of Persons and Family Relations)

(Two papers)

1. (a) Introduction to the philosophy and study of law.
- (b) History of South African Roman Dutch Law and its administration.
- (c) Introduction to South African positive law.
- (d) The Law of Persons.
2. The Law of Family Relations.

Course II (The Law of Things and Succession)

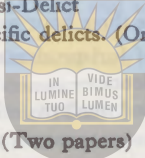
(Two papers)

1. The Law of Things, including an outline of Land Registration and Water Law. (One paper)
2. The Law of Succession and Administration of Deceased Estates. (One paper)

Course III (The Law of Obligations)

(Two papers)

1. The Law of Contract and Quasi-contract
General principles and specific contracts (especially Purchase and Sale, Hire-Purchase, Lease and Service Contracts). (One paper)
2. The Law of Delict and Quasi-Delict
General principles and specific delicts. (One paper)



(Two papers)

B. Roman Law

1. (a) Outline of the history of Roman Law.
(b) Outline of the law of Procedure.
2. Private Law.

C. Advanced Private Law**Course A**

(Two papers)

Capita selecta from Private Law for example:

1. (a) Fideicommissum
(b) Stipulatio Alteri
(c) Trust
(d) Foundation
(e) Water law
(f) Legal persons and other social institutions
(g) Personality rights
(h) Mineral rights
(i) and/or any other relevant aspect of Private law.
2. (a) Agency and mandate
(b) Suretyship
(c) Deposit
(d) Carriage
(e) Cession
(f) Estoppel
(g) Administration of estates
(h) and/or any other relevant aspect of Private law.

Course B

(Two papers)

1. (a) *Capita selecta* from delictual and quasi-delictual liability.
(b) Unjustified Enrichment. (One paper of three hours)
2. The latest reported cases on the whole field of Private Law. (One paper of one and a half hours)

D. Conflict of Laws

(One Paper)

1. An introduction to legal systems.
2. South African Conflict of Laws.

E. Jurisprudence

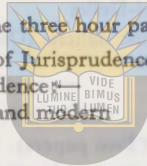
1. Theories of Jurisprudence

(One three hour paper)

The nature and definition of Jurisprudence.

The "Schools" of Jurisprudence.

- (a) Natural law, ancient and modern.
- (b) Medieval theories
- (c) Rationalism
- (d) Idealism
- (e) Historical approach
- (f) Positivism
- (g) Realism (Anglo-American and Scandinavian)
- (h) Sociological approach
- (i) Socialist and Communist theory.



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2. Contemporary Issues in Jurisprudence

(One one and half hour paper)

- (a) Legal and related concepts: Law, Justice, Equity, Morality and Ethics; rights and duties.
- (b) Law, sovereignty and the State.
- (c) Property: ownership and possession.
- (d) Delict, insurance and social responsibility.
- (e) Crime and Punishment.
- (f) Corporate Power, the individual and the State.
- (g) Legal change, including codification.

F. African Law

(One paper)

1. An Introduction to the principal African legal systems of Southern Africa,—their history, recognition and administration.
2. (a) African Private Law: Persons, Family Relations, Succession, Things, Contract and Quasi-contract, Delict and Quasi-delict.
(b) African law of procedure and evidence.

G. *Comparative African Law*

(One paper)

1. A comparative study of African legal systems, with particular reference to legal systems in Southern Africa.

2. *Capita selecta* from the customary law of the Transkei and Ciskei.

DEPARTMENT OF CRIMINAL LAW AND PROCEDURE

A. *Criminal Law :*

(One paper)

1. Introduction to the study of Criminal Law:

The distinction between Criminal Law and other fields of law; the evolution of Criminal Law; theories of Criminal Law; Criminal Law and the science of Criminal Law; history and sources of South African Criminal Law; the concept of crime; the distinction between common law and statutory crimes.

2. The general doctrines of Criminal Law:

The elements of crime; attempt; perpetrators and accomplices; accessories after the fact; incitement and conspiracy.

3. The more important common law and statutory crimes under the following heads:

Crimes against the State; crimes against life; crimes against bodily integrity, honour, dignity, good name and liberty; crimes against property; sexual crimes, crimes relating to marriage, religion and morality; crimes against the administration of justice; offences under the following Acts: Children's Act, No. 33 of 1960; Prevention of Corruption Act, No. 6 of 1958; Stock-theft Act, No. 57 of 1959; Immorality Act, No. 23 of 1957.

B. *Criminal Procedure :*

(One paper)

1. Introduction to the study of Criminal Procedure:

The function of Criminal Procedure; the place of Criminal Procedure in the legal system; the distinction between Criminal Procedure and other fields of law.

2. The principles of South African Criminal Procedure in the superior and lower courts (including Bantu courts) under the following heads:

The various criminal courts; the jurisdiction of the criminal courts; extradition of criminals; the prosecution of crime; means of securing the attendance of the accused at criminal trials; search; entry of premises; seizure of property; rescue of women detained for immoral purposes; bail; preparatory examinations; indictments and charges; arraignment of the accused; the course of the trial after arraignment up to and including judgment; special entries and reservation of law; review and appeal.

C. *Civil Procedure :*

(One paper)

Procedure in civil cases in superior and lower courts (including Bantu courts).

D. Advanced Criminal Law and Procedure :

(One paper)

1. *Capita selecta* from Criminal Law and Procedure.
2. *Medicina Forensis*.

E. Law of Evidence :

(One paper)

The law of evidence in criminal and civil cases.

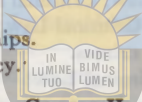
DEPARTMENT OF MERCANTILE LAW

A. Mercantile Law :

Course I

(Two papers)

1. Company Law.
2. (a) The Law of Partnerships.
(b) The Law of Insolvency.



Course II

(Two papers)

1. (a) An outline of the elementary principles of the Law of Negotiable Instruments.
(b) The Law of Insurance.
2. The Law of Industrial Property.

Course III

As for Commercial Law III.

B. Commercial Law (for B.Com. students) :

Course I

(Two papers)

1. (a) Introduction to Law.
(b) General principles of the Law of Contract.
2. Special Contracts, including:
 - Purchase and Sale.
 - Hire Purchase.
 - Lease.
 - Service.
 - Agency.
 - Carriage of Goods.
3. Real and Personal Security, including:
 - Mortgage.
 - Pledge.
 - Suretyship.
 - Liens.

Course II

(Two papers)

1. (a) The Law of Insurance.
(b) The Law of Negotiable Instruments.
(c) A broad outline of Insolvency and Succession.
2. (a) The Law of Partnership.
(b) Company Law.

Course III

(Two papers)

1. Advanced study of certain *capita selecta* from Company Law.
2. A broad outline of:
 - (a) Regulatory legislation governing certain financial institutions such as Banks, Building Societies, Co-operative Societies, etc.
 - (b) Industrial Legislation.

**DEPARTMENT OF CONSTITUTIONAL AND PUBLIC INTERNATIONAL LAW****A. Constitutional and Administrative Law :**

(Two papers)

1. (a) Origin and nature of Constitutional Government.
(b) The Individual and the State.
(c) An Introduction to Administrative law, including the civil liability of the State.
2. Constitution and Government of the Republic of South Africa, including the participation of the Bantu in constitutional government.

B. Public International Law :

(One paper)

General principles of Public International Law.

The Law of Peace and the elementary principles of law of War.

The law relating to the most important organisations of Public International Law.

The International status of South West Africa.

C. Advanced Constitutional and Administrative Law :

(Two papers)

1. (a) *Capita selecta* from Constitutional Law.
(b) Comparative Constitutional Law.
2. A detailed study of Administrative Law.

D. Juridical Interpretation :

(One paper)

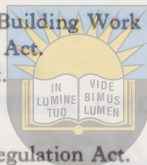
The nature, types and principles of interpretation of statutory and case law.

E. *Social and Economic Legislation :*

(Two papers)

The course will consist of the principles of Social and Economic Legislation with reference to the more important aspects of the following legislation:

1. Children's Act.
Immorality Act.
Public Health.
Publications Act.
Industrial Development Act.
Electricity Act.
Physical Planning and Utilization of Resources Act.
Control of Monopolistic Conditions Act.
Marketing Act.
Promotion of Economic Development of Bantu Homelands Act.
2. Apprenticeship Act.
Factories, Machinery and Building Work Act.
Workmen's Compensation Act.
Industrial Conciliation Act.
Wage Act.
Bantu Labour Act.
Bantu Labour Relations Regulation Act.



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**VOCATIONAL CHANNELS OPEN TO STUDENTS QUALIFIED IN
THE VARIOUS COURSES OF STUDY**

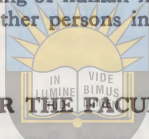
1. The Public Service Law Certificate will enable holders thereof to be appointed as public prosecutors and even magistrates.
2. Prospective attorneys may register for the B.Proc. degree. The LL.B. degree may be obtained after a further two years of study.
3. The B. Juris degree covers the Public Service Law Examinations. The LL.B. degree may be obtained after a further two years of study.
4. Students who wish to acquire a cultural or commercial background, should consider registering for the B.A. or B.Com. degree, in which case the LL.B. degree may be obtained after a further three years of study.
5. To register for the LL.B. degree, a student shall possess a bachelor's degree. Possession of an LL.B. degree is sufficient academic qualification to be admitted as an Advocate. (To be able to practise as an advocate, a certain period of practical training is required.)
6. The required term of articles for admission as an attorney, depends on the candidate's qualifications, and are normally as follows:
 - (a) B. Proc. degree—two years.
 - (b) LL.B. degree—two years.

Faculty of Arts

INTRODUCTION

The Faculty of Arts is one of the two oldest faculties at Fort Hare. It offers training in the humanities and makes provision for both elementary and advanced tuition in a variety of disciplines and specialities. In the Faculty students are prepared for careers as social workers, teachers, librarians, psychologists and personnel managers amongst others. There are also limited but increasing opportunities in research and academic fields for students who pursue their studies beyond the undergraduate level. An Arts degree is also a key to administrative and management work in the emergent Public Services of the Transkei and the Ciskei, as well as in local and other authorities and also in some branches of industry and commerce.

Although the Faculty is by no means a professional training school the subjects offered are basic to an understanding of human life and culture and therefore form the background for professional and other persons in positions of leadership and influence in a wide variety of fields.



RULES FOR THE FACULTY OF ARTS

The following faculty rules are to be read in conjunction with the provisions of the Act, Statute, regulations and general rules.

University of Fort Hare
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Degrees and Diplomas

A.1. (1) The following degrees are conferred in the Faculty:

- I In Arts :**
 Bachelor of Arts.....B.A.
 Bachelor of Arts (Honours).....B.A. (Hons.)
 Master of Arts.....M.A.
 Doctor of Literature and Philosophy.....D.Litt. et Phil.
- II In Library Science :**
 Bachelor in Library Science.....B.Bibl.
 Bachelor in Library Science (Honours).....B.Bibl. (Hons.)
- III In Social Work :**
 Bachelor of Arts in Social Work.....B.A. (S.W.)
 Bachelor of Arts in Social Work (Honours).....B.A. (Hons) (S.W.)
 Master of Arts in Social Work M.A. (S.W.)
 Doctor of Philosophy.....D.Phil.
- IV In Fine Arts :**
 Bachelor of Arts in Fine Arts.....BA. (F.A.)
- V In Personnel Management :**
 Bachelor of Arts in Personnel Management.....B.A. (Personnel
 Management)
- VI In Communication :**
 Bachelor of Arts in Communication.....B.A. (Communication)

- (d) at least one course from Group A(2) or A(3) or C;
- (e) at least one more course from Group A(2), A(3) or B or C, which may be a second course in a subject selected in terms of clause (d) above: Provided that a curriculum shall not include courses selected from more than one of the three groups B, C and D.

- A.8. Except by permission of the Senate a student shall not be given credit for—
- (a) more than two courses from Group B: Provided that a student who selects Private Law as a major subject may include up to six courses from Group B in his curriculum;
 - (b) more than four courses from Group C;
 - (c) more than one course from Group D;
 - (d) both Statistics and a course in Mathematics;
 - (e) both Principles of Greek Culture and Greek I;
 - (f) more than five courses in Bantu languages;
 - (g) courses from more than two Bantu languages;
 - (h) more than one Bantu language from any one of the following groups:
 - (i) Nguni group (Xhosa, Zulu)
 - (ii) Sotho group (Northern Sotho, Southern Sotho, Tswana)

Special Admission Provisions for Certain Subjects

- A.9. (1) A student shall not be admitted to a course in Mathematics or in Physics unless he has attained the pass standard in Mathematics at the matriculation examination or at an examination recognized for the purpose by the Joint Matriculation Board.
- (2) Except by permission of the Senate a student shall not be admitted to a course in English or in Latin unless he has attained the pass standard in the subject concerned at the matriculation examination or at an examination recognized for the purpose by the Joint Matriculation Board.
- (3) Greek I consists of two half-courses, IA and IB and must be taken in that order. No credit towards a degree is given for IA; in special circumstances and with permission of the Head of the Department a student may be exempted from this course. To obtain credit for Course I a student must pass IB.
- (4) A student may only take Archaeology I after or concurrently with Anthropology I.
- (5) Anthropology I consists of two part courses, IA and IB. IA is required for all students taking Anthropology but will be considered to satisfy the conditions of Anthropology I for *only* those students registered for the degree/diploma in Social Work. IB is designed for *all* other students and must be taken for credit of Anthropology I. A student may not proceed in Anthropology unless he has completed IB.

Special Language Courses

- A.10. (1) Credit shall be given for a special course in German or in Latin or in a Bantu language (where another Bantu language is selected as a major subject): Provided that—
- (a) such course may be selected only by a student who has not passed in the subject at the matriculation or equivalent examination; and
 - (b) credit shall not be given for more than one such course.

- (2) Credit shall be given for a special course in Afrikaans: Provided that—
- (i) such course may be selected only by students who have not obtained a standard of 40% or higher in Afrikaans at the matriculation examination, unless the Head of the Department of Afrikaans-Nederlands recommends admission;
 - (ii) a student who has completed the course may register for Afrikaans-Nederlands I, but credit shall not be given for both Afrikaans Special and Afrikaans-Nederlands I;
 - (iii) a student who has obtained the standard* laid down for the purpose may be permitted to register for Afrikaans-Nederlands II.

*Senate has laid down the following standard: a year mark of at least 70%, an examination mark of at least 75% and an admission test of Afrikaans-Nederlands I standard.

Ancillary Courses

A.11. A student shall not be admitted to the third course in any one of the major subjects listed below unless he has completed the courses specified as ancillary thereto or takes them concurrently with the major subject concerned: Provided that, where an ancillary course and the final courses in major subjects are taken concurrently and the student passes in one or both major subjects but fails in one or more ancillary subjects, he shall be deemed to comply with the provisions of this paragraph if he thereafter completes the ancillary course in which he failed.

Major subject

Nguni language
Sotho language
Anthropology
Archaeology
Psychology

Public Administration
Sociology

Latin

Development Policy and
Administration

Ancillary subject

a course in Southern Sotho or Anthropology I.
a course in Xhosa or Anthropology I.
Archaeology I.
Anthropology I.
Statistical Methods and one of the following:

Anthropology I
Sociology I
Philosophy I

Political Science I
At least one of the following:

Anthropology I
Psychology I

Principles of Greek Culture, which must be taken together with Latin II or Latin III

At least one course in Anthropology.

Examination

- A.12. (1) In order to complete a course, a student must comply with the requirements laid down in the general rules for a degree of bachelor and obtain a sub-minimum of at least 35% of the marks in each paper.
- (2) The year mark and the examination shall be combined in equal proportions.

- A.13. (1) A student in his first year of study will be admitted to a supplementary examination in a course in which he has failed: Provided he has obtained:—
- a year mark or examination mark of at least 50%;
 - at least 40% of the marks in the examination; and
 - the pass mark in at least two other courses at the same examination.
- (2) A student in his second year of study will be admitted to a supplementary examination in a course in which he has failed: Provided he has obtained:—
- a year mark or examination mark of at least 50%;
 - an average of at least 45% for the year mark and examination combined; and
 - the pass mark in at least two other courses at the same examination.
- (3) A student in his third year of study will be admitted to a supplementary examination in a course in which he has failed:—
- in the final course of a major subject: Provided he has obtained:
 - a year mark or examination mark of at least 50%;
 - an average of at least 45% for the year mark and examination combined; and has completed the final course of his other major subject;
 - in one other course: Provided it is the last remaining requirement for his degree.
- (4) No first, second, third or fourth year student will be granted a supplementary examination if he fails a subminimum in any of his examination papers in a particular course.

Distinction

- A.14. A student who obtains 75% of the marks in the final course in a major subject shall be awarded a pass with distinction in that subject.

The Degree of Bachelor of Arts (Honours)

(Please refer also to the Statute and the general rules for the honours degree of bachelor)

Subjects

- A.21. The degree may be obtained in any one of the following subjects:—

Afrikaans-Nederlands	History
Anthropology	Latin
Archaeology	Mathematics
Bantu Languages	Development Policy and Administration
Biblical Studies	Philosophy
Economics	Political Science
English	Psychology
Geography	Public Administration
Greek	Sociology

- A.22. (1) Such specific admission requirements as may be prescribed shall be as stated in the syllabus concerned.
- (2) Subject to the general rules for the honours degree of bachelor, a student in possession of the B.A. degree in Social Work may be admitted to the Bachelor of Arts honours degree.

Sub-minimum

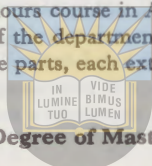
- A.23. There shall be a sub-minimum of 40% for each paper.

Distinction

- A.24. The degree shall be conferred with distinction on a candidate who obtains an aggregate of 75% of the marks for the honours course.

Duration of Curriculum

- A.25. The honours course shall extend over not less than one year of full-time study but, except for the honours course in Accounting, a candidate may, with the approval of the head of the department concerned, attend and complete the course in two successive parts, each extending over one academic year.



The Degree of Master of Arts

(Please refer also to the Statute and the general rules for the degree of Master).

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Subjects

- A.31. The degree may be conferred in any one of the following subjects:—

Afrikaans-Nederlands	Latin
Anthropology	Mathematics
Archaeology	Development Policy and Administration
Bantu Languages	Philosophy
Economics	Political Science
English	Psychology
Geography	Public Administration
Greek	Sociology
History	

A person shall not be admitted as a candidate for the degree of Master of Arts unless

- (a) he has been admitted to a degree required in terms of the general rules for the degree of Master, or to the status thereof; or
- (b) has been granted a postgraduate diploma in applied linguistics: Provided that a holder of such diploma may not be admitted as a candidate in any department other than Afrikaans-Nederlands, Bantu Languages or English:
- Provided further that:
- (i) such subject was one of the major courses in his curriculum for the bachelor's degree, and
- (ii) his advanced study or research shall be in a field approved by both the head of the relevant department and the Director of the Laboratory.

Examination

- A.32. The form for the examination in any subject shall be a dissertation unless the syllabus concerned indicates otherwise.

The Degree of Doctor of Literature and Philosophy

(Please refer to the Statute and the general rules for the degree of Doctor)

Diploma in Applied Linguistics

Admission

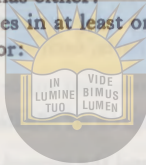
- A.L.1. A person shall not be admitted as a student unless he holds the degree of Bachelor of Arts of the University or of another university recognised for the purpose by the Senate and has either:

(a) completed three courses in at least one of the following subjects towards the degree of bachelor:

Afrikaans-Nederlands
Bantu Languages
English,

or

- (b) has completed two courses in at least two of the subjects listed in (a); or
(c) has completed at least two courses in linguistics, or
(d) has had at least three years satisfactory high school teaching experience of one of the languages listed in (a) and has completed at least two courses in one of the said languages towards the degree of bachelor.



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Curriculum

- A.L.2. The curriculum shall extend over one academic year.

- A.L.3. (1) A student shall attend and by examination complete a course in Applied Linguistics.
(2) A student shall learn a language of which he has no previous knowledge to be determined by the Director of the Language Laboratory, and shall pass a test therein before being permitted to present himself for the examination at the end of the course.

Examination

- A.L.4. The examination shall include a written and practical test and a report on an approved official project.

Distinction

- A.L.5. The diploma shall be awarded with distinction to a student who obtains an aggregate of 75% of the marks in the examination.

The Degree of Bachelor in Library Science

Duration of Curriculum

- L.S.1. The curriculum shall extend over four academic years of full-time study.

- L.S.2. (1) A curriculum shall consist of fourteen courses,
 (a) ten courses selected in terms of the rules for the degree of Bachelor of Arts: and
 (b) Library Science I, II, III and IV
 (2) Notwithstanding any provision to the contrary, a student in his fourth year of study shall take Library Science IV and the third course in one other subject.

L.S.3. A student shall not take more than five courses in his first year of study, nor more than four courses in his second year of study, nor more than three courses in either his third or fourth year of study: Provided that in the second or a more advanced year he may take one course in excess of the maximum if it is a course in which he previously failed.

Exemptions

- L.S.4. (1) A student who has completed the Elementary or Secondary examination of the South African Library Association may be exempted from Library Science I or Library Science I and II respectively.
 (2) A student who is in possession of the Lower Diploma in Library Science may be exempted from a maximum of five courses.

Determination of Year of Study

L.S.5. A student shall be deemed to be in his first year of study until he has obtained credit for Library Science I and at least one further course; in his second year of study when he has obtained credit in Library Science I and II and at least five further courses; in his fourth year of study when he is taking courses which will enable him to complete the requirements for the degree in that year; otherwise he shall be deemed to be in his third year of study.

Examination

- L.S.6. (1) In order to complete a course, a student must comply with the requirements laid down in the general rules for a degree of bachelor and obtain a sub-minimum of at least 35% of the marks in each paper.
 (2) The year mark and the examination shall be combined in equal proportions.
- L.S.7. (1) A student in his first year of study will be admitted to a supplementary examination in a course in which he has failed: Provided he has obtained.
 (a) a year mark of at least 50%
 (b) at least 40% of the marks in the examination; and
 (c) the pass mark in at least two other courses at the same examination.
 (2) A student in his second and third year of study will be admitted to a supplementary examination in a course in which he has failed: Provided he has obtained:-
 (a) a year mark of at least 50%
 (b) an average of at least 45% for the year mark and examination combined; and
 (c) the pass mark in at least two other courses at the same examination.
 (3) A student in his fourth year of study will be admitted to a supplementary examination in a course in which he has failed:—

- (a) in the final course of a major subject, provided he has obtained.
- (i) a year mark of at least 50%;
 - (ii) an average of at least 45% for the year mark and examination combined;
- and has completed the final course of his other major subject;
- (b) in one other course, provided it is the last remaining requirement for his degree.
- (4) No first, second, third or fourth year student will be granted a supplementary examination if he fails a subminimum in any of his examination papers in a particular course.

The Degree of Bachelor in Library Science (Honours)

(Please refer also to the Statute and the general rules for the honours degree of bachelor.)

Admission

L.S.11.

A person shall not be admitted as a candidate for the degree unless he—

- (a) has been admitted to the Degree of Bachelor in Library Science of the University; or
- (b) holds a four year Bachelor's degree in Library Science of any other university institution or of any university outside the Republic and has been admitted to the status of Bachelor in Library Science at the University; or
- (c) has been admitted to any other degree of Bachelor or to the status thereof at the University and is in possession of a Higher Diploma in Library Science; or
- (d) qualifies in terms of paragraph G.17.(c) of the general rules for the honours degree of bachelor.

Examination

L.S.12.

- (1) The examination shall consist of five papers of three hours each.
- (2) There shall be a sub-minimum of 40% for each paper.

Distinction

L.S.13.

The degree shall be conferred with distinction on a candidate who obtains an aggregate of 75% of the marks for the course.

Lower Diploma in Library Science

Admission

L.S.21.

A person shall not be registered as a student unless he has obtained the matriculation certificate issued by the Joint Matriculation Board or a certificate of exemption therefrom.

Duration of Curriculum

L.S.22.

The curriculum shall extend over two years of full-time study.

Composition of Curriculum

- L.S.23. The curriculum shall consist of seven courses comprising—
- (a) Library Science I and II; and
 - (b) Five courses selected in accordance with the rules for the degree of Bachelor of Arts.
- L.S.24. Library Science I may be taken in either the first or second year of study and, if taken in the second year, may be taken concurrently with Library Science II.

Examination

- L.S.25. (1) In order to complete a course a student must comply with the requirements laid down in the general rules for a degree of bachelor and obtain a sub-minimum of at least 35% of the marks in each paper.
- (2) The year mark and the examination shall be combined in equal proportions.
- L.S.26. (1) A student in his first year of study will be admitted to a supplementary examination in a course in which he has failed: Provided he has obtained.
- (a) a year mark of at least 50%;
 - (b) at least 40% of the marks in the examination; and
 - (c) the pass mark in at least two other courses at the same examination.
- (2) A student in his second year of study will be admitted to a supplementary examination in a course in which he has failed: Provided he has obtained.
- (a) (i) a year mark of at least 50%; and
 - (ii) an average of at least 45% for the year mark and examination combined; and
 - (b) in one other course: Provided it is the last remaining requirement for his diploma.
- (3) No first, second, third or fourth year student will be granted a supplementary examination if he fails a subminimum in any of his examination papers in a particular course.

Higher Diploma in Library Science

- L.S.31. A person shall not be admitted as a student unless he holds an approved degree of Bachelor of the University or has been admitted to the status thereof.
- L.S.32. The curriculum shall comprise Library Science I, II, III and IV and shall extend over at least one year of full-time study.
- L.S.33. The diploma shall be awarded to a student who completes all four courses comprising the curriculum at one examination: Provided that for this purpose the November examination of any year and the ensuing February examination shall be deemed to be one examination.
- L.S.34. (1) In order to complete a course a student must comply with the requirements laid down in the general rules for a degree of bachelor and obtain sub-minimum of at least 40% of the marks in each paper.
- (2) The year mark and the examination shall be combined in equal proportions.

The Degree of Bachelor of Arts in Social Work

Duration of Curriculum

S.W.1. The curriculum shall extend over three academic years of full-time study.

B.A. Rules

S.W.2. Subject to any provisions to the contrary in these rules, the rules for the ordinary degree of Bachelor of Arts shall apply.

Composition of Curriculum

S.W.3. The curriculum shall consist of at least ten but not more than twelve courses.

S.W.4. A student shall include in his curriculum—

(a) Social Work I, II and III;

(b) *Either*

Sociology I, II and III and at least Psychology I and II,

or

Psychology I, II and III and at least Sociology I and II.

A student shall not be admitted to the third course in Social Work unless he has completed the first courses in both Psychology and Sociology.

A student shall not be admitted to the third course in Psychology unless he has completed the course in Statistical Methods or takes it concurrently with Psychology III.

(c) Courses selected from the following:

Economics I, II, III

Criminology I, II

Anthropology I, II

Anthropology IA

History I

Philosophy I

Political Science I

Development Policy and Administration I

Afrikaans-Nederlands I

or Afrikaans Special

a Bantu Language I

German Special

English I or Practical English

Statistical Methods

} Not more than one language course.

(d) A student who selects Anthropology IA shall not be admitted to the second course in Anthropology.

S.W.5. A student shall carry out such practical social work as is prescribed by the Head of the Department with a registered welfare organization. A student may make his own arrangements subject to the approval of the Head of the Department, who retains the right to make arrangements on behalf of a student.

S.W.6. A student shall not be admitted to the second or third course in Social Work unless he has satisfactorily completed the practical work for the preceding course.

The Degree of Bachelor of Arts in Social Work (Honours)

Subject

S.W.8 The degree may be obtained only in the subject of Social Work.

Admission

S.W.9. Only persons who are in possession of a Bachelor's degree with major subjects as required under the rules for the B.A. degree in Social Work shall be admitted to this degree.

Rules

S.W.10. Subject to any provisions to the contrary in these rules, the general rules for the honours degree of bachelor shall apply.

The Degree of Master of Arts in Social Work

(Please refer to the Statute and to the general rules for the degree of Master)

The Degree of Doctor of Philosophy in Social Work

(Please refer to the Statute and to the general rules for the degree of Doctor)

University Diploma in Social Work

Admission

S.W.11. A person shall not be registered as a student unless—

(a) he has obtained the School-leaving Certificate of the Joint Matriculation Board or a certificate recognized by the Senate as equivalent thereto, or

(b) he is at least 25 years of age and has satisfied the Senate that he has attained a standard of education equivalent to that required for the School-leaving Certificate.

B.A. (S.W.) Rules

S.W.12. Subject to any provisions to the contrary in these rules, the rules for the degree of Bachelor of Arts in Social Work shall apply.

Subjects to be Endorsed on Diploma

S.W.13. The results of all examinations shall be endorsed on the diploma issued to a successful candidate.

S.W.14. A holder of the diploma may present himself for examination in any of the optional subjects in which he has not previously been examined and, if successful, shall be entitled to have his diploma endorsed accordingly.

The Degree of Bachelor of Arts in Fine Arts

Duration of Curriculum

F.A.1 The curriculum shall extend over three years of full-time study.

Composition of Curriculum

F.A.2 The following courses are prescribed for the first year of study:

- History of Art I
- Painting I or Sculpture I
- Drawing I

Graphic Art I

One of the following:

- English I
- Practical English
- Afrikaans-Nederlands I
- Special Afrikaans
- German I
- Special German

One of the following:

- Anthropology I
- Archaeology I

F.A.3 A student shall not be admitted to the second year of study unless he has completed all the Fine Art courses of the first year of study.

F.A.4 The following courses are prescribed for the second year of study:

History of Art II

Painting II *or* Sculpture II

Drawing II

Graphic Art II

One of the following:

- English II
- Afrikaans-Nederlands II
- German II
- Philosophy I
- Principles of Great Culture
- Psychology I
- Visual Communication



Fine Art Courses

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F.A.5 A student shall not be admitted to the third year of study unless he has completed all the courses of the first year of study and all the Fine Arts courses of the second year of study.

F.A.6 The following courses are prescribed for the third year of study:

History of Art III

Painting III *or* Sculpture III

Graphic Art III

Aesthetics

Determination of Year of Study

F.A.7 A student shall be deemed to be in his first year of study until he has obtained credit for at least two courses; in his third year of study when he is taking courses which will enable him to complete the requirements for the degree in that year; otherwise he shall be deemed to be in his second year of study.

Supplementary Examinations

F.A.8 (1) A student in his first year of study will be admitted to a supplementary examination in a course in which he has failed: Provided he has obtained—

- (a) a year mark or examination mark of at least 50%;
- (b) at least 40% of the marks in the examination; and
- (c) the pass mark in at least two fine arts courses at the same examination.

- (2) A student in his second year of study will be admitted to a supplementary examination in a course in which he has failed: Provided he has obtained—
 - (a) a year mark or examination mark of at least 50%;
 - (b) an average of at least 45% for the year mark and examination combined; and
 - (c) the pass mark in at least two fine arts courses at the same examination.
- (3) A student in his third year of study will be admitted to a supplementary examination in a course in which he has failed,
 - (a) in the third course of a fine arts subject: Provided he has obtained—
 - (i) a year mark or examination mark of at least 50%;
 - (ii) an average of at least 45% for the year mark and examination combined; and has completed the third courses of two other fine arts subjects;
 - (b) in one other course: Provided it is the last remaining requirement for his degree.
- (4) No student will be granted a supplementary examination if he fails a sub-minimum in any of the examination papers in the course concerned.

Distinction

F.A.9 The degree shall be awarded with distinction to a student who obtains an average of 75% in all the fine arts courses in the final year of study.

Diploma in Fine Arts

University of Fort Hare

- (i) *Name of Course*: Diploma in Fine Arts.
- (ii) *Duration of course*: Two years.
- (iii) *Content and structure of course*: With the exclusion of the Education subjects the course will basically correspond with present H.S.T.D (Fine Arts) course, as follows:

First Year :

- (a) History of Art I (as for H.S.T.D. (Fine Arts) I)
- (b) Drawing I
- (c) Painting I
- (d) Graphic Art I
- (e) Textile Design I
- (f) Sculpture and Pottery I

Although students will receive tuition in all the above-mentioned subjects, examinations will be done only in Drawing I and one of the following combinations:

Painting and either Graphic Art or Textile Design I

or

Sculpture I and either Graphic Art or Textile Design I.

Second Year :

- (a) History of Art II (as for H.S.T.D. (Fine Arts) II)
- (b) Drawing
- (c) Two of the following: Painting II; Graphic Art II; Textile Design II; Sculpture II.

(Further particulars may be obtained from the Head of the Department of Fine Arts.)

The Degree of Bachelor of Arts in Personnel Management

Duration of Curriculum

P.M.1 The curriculum shall extend over three years of full-time study.

Composition of Curriculum

P.M.2 The curriculum shall be as follows:

First year : Industrial Psychology I
Sociology I
Anthropology I
Development Policy and Administration I
Practical English

Second year : Industrial Psychology II
Sociology (option Industrial Sociology) II
Anthropology II
Development Policy and Administration II

Third year : Industrial Psychology III
Sociology (option Industrial Sociology) III
Social and Economic Legislation

Determination of Year of Study

- P.M.3 (1) A student shall not be admitted to the second year of study unless he has completed Industrial Psychology I and Sociology I and at least two other courses.
- (2) A student shall not be admitted to the third year of study unless he has completed Industrial Psychology I and II and Sociology (option Industrial Sociology) I II and at least four other courses.

Examination

- P.M.4 (1) In order to complete a course, a student must comply with the requirements laid down in the general rules for a degree of bachelor and obtain a subminimum of at least 35% of the marks in each paper.
- (2) The year mark and the examination shall be combined in equal proportions.
- P.M.5 (1) A student in his first year of study will be admitted to a supplementary examination in a course in which he has failed: Provided he has obtained:—
- (a) a year mark or examination mark of at least 50%;
 - (b) at least 40% of the marks in the examination; and
 - (c) the pass mark in at least two other courses at the same examination.
- (2) A student in his second year of study will be admitted to a supplementary examination in a course in which he has failed: Provided he has obtained:—
- (a) a year mark or examination mark of at least 50%;
 - (b) an average of at least 45% for the mark and examination combined; and
 - (c) the pass mark in at least two other courses at the same examination.
- (3) A student in his third year of study will be admitted to a supplementary examination in a course in which he has failed:—
- (a) in the final course of a major subject: Provided he has obtained:
 - (i) a year mark or examination mark of at least 50%;

- (ii) an average of at least 45% for the year mark and examination combined;
 - and has completed the final course of his other major subject;
 - (b) in one other course: Provided it is the last remaining requirement for his degree.
- (4) No first, second or third year student will be granted a supplementary examination if he fails a subminimum in any of his examination papers in a particular course.

Distinction

P.M.6 A student who obtains 75% of the marks in the final course in a major subject shall be awarded a pass with distinction in that subject.

The Degree of Bachelor of Arts in Communication

Duration of Curriculum

A.C. 1. The curriculum shall extend over four years of full-time study.

Selection of Courses

A.C. 2. The curriculum shall comprise fourteen courses. These shall include three courses in one subject to be taken in the first three years of study and to be known as the initial major and three courses in each of two subjects to be taken in the second, third and fourth years of study and to be known as the final majors. The four major courses shall be chosen as follows:

- (a) A three-course major in Communication, to be taken in the second, third, and fourth year.
- (b) A three-course major in Afrikaans-Nederlands or a Bantu language or English, to be taken either as the initial major of the degree, in the first, second, and third years, or as one of the two final majors of the degree (Communication being the other), in the second, third, and fourth years.
- (c) A three-course major in Anthropology or Philosophy or Psychology or Sociology, to be taken as the initial major if the courses under (b) are taken as a final major and to be taken as a final major if the courses under (b) are taken as the initial major.
- (d) Five courses chosen as follows:
 - (i) One course, or two courses, not chosen under (c), from any one or more of the subjects Anthropology, Philosophy, Psychology, and Sociology; together with
 - (ii) The necessary remaining number of courses chosen from first and second courses in any languages taught in the Faculty and not chosen under (b) or in any of the subjects Archaeology, Criminology, Development Policy and Administration, Economics, History, History of Art, Introduction to Law, Library Science, Political Science, Public Administration, or Statistical Methods.

A.C. 3. A student shall not be admitted to more than five courses in his first year of study or more than four in his second year or more than three in his third year or more than two in his fourth year; save that in the second, third and

fourth years he may take one course in excess of the maximum if it is a course that he has already failed.

Determination of Year of Study

A.C. 4. A student shall not be deemed to have entered his second year of study until he has passed or is registered for all the courses necessary for the completion of the curriculum for that year; and so similarly with the third and fourth years of study.

Admission

A.C. 5. The provisions in the rules for the ordinary degree of Bachelor of Arts concerning (a) Special admission provisions for certain subjects, (b) Special language courses, and (c) Ancillary courses, shall apply.

Examination

A.C. 6. (a) In order to complete a course, a student must comply with the requirements laid down in the general rules for a degree of bachelor and obtain a sub-minimum of at least 35% of the marks in each paper.
 (b) The year mark and the examination shall be combined in equal proportions.

Supplementary Examinations

- A.C. 7. (1) A student in his first year of study will be admitted to a supplementary examination in a course in which he has failed: Provided that he has obtained:
- (i) a year mark or examination mark of at least 50%;
 - (ii) at least 40% of the mark in the examination; and
 - (iii) the pass mark in at least two other courses at the same examination.
- (2) A student in his second and in his third year of study will be admitted to a supplementary examination in a course in which he has failed: Provided that he has obtained:
- (i) a year mark or examination mark of at least 50%;
 - (ii) an average of at least 45% for the year mark and examination combined; and
 - (iii) the pass mark in at least two other courses at the same examination.
- (3) A student in his fourth year of study will be admitted to a supplementary examination in a course in which he has failed:
- (i) in the third course of a major subject: Provided he has obtained: a year mark or examination mark of at least 50%, an average of at least 45% for the year mark and examination combined, and has completed the third course of his other major subject;
 - (ii) in one other course: Provided it is the last remaining requirement for his degree.
- (4) No student in any year of study will be granted a supplementary examination in any course if he fails a subminimum in any of his examination papers for that course.

Distinction

A.C. 8. A student who obtains 75% of the marks in the third course in a major subject shall be awarded a pass with distinction in that subject.

SYLLABI

AFRICAN STUDIES

(Anthropology, Archaeology and Development Policy and Administration)

ANTHROPOLOGY

Course IA and IB

(Anthropology IA consists of Papers one and two, while Anthropology IB consists of Papers one, two and three)

Paper 1.

- (a) The scope and task of the subject
- (b) The concepts culture, society and people
- (c) Review of the basic Anthropological phenomena and general principles connected with Economic and Social Organization, religious systems and systems of government and law.

Paper 2.

- (a) Review of the Ethnic composition and a classification of the peoples of Africa
- (b) An ethnographic study of the Bushmen and Hottentots in general
- (c) Intensive ethnographic study of one Nguni group (Mpondo) and one Sotho group (Southern Sotho or Bapedi)
- (d) Introductory study of the contact between European and Bantu in South Africa and attendant anthropological problems.

Paper 3.

- (a) Introduction to Physical Anthropology and Human Genetics
 - (1) Introduction and scope of the subject
 - (2) Anthropometry
 - (3) Introduction to the biological history of man
 - (4) The concept race and a study of the distribution and racial divisions of the peoples of the world.

Course II

(Two papers)

Paper 1.

- (a) An intensive study of the concepts culture and society.
- (b) Anthropological theories advanced in connection with social organization, political organization, economic organization, religion. (Students will be supplied with a reading list by the lecturer).

Paper 2.

- (a) Ethnography of Africa:
 - (1) A detailed study of one culture outside Southern Africa: The Azande or Nuer.
 - (2) A detailed study of either the Political Systems or Systems of Kinship and Marriage in Africa.
- (b) Selected studies of peoples and cultures from the Pacific Islands.

Course III
(Three papers)

Paper 1.

(a) A Study of the different Anthropological trends and approaches with special reference to the 20th century.

(b) An introductory study of the methods and techniques of fieldwork in Anthropology.

Paper 2.

(a) An intensive study of the processes of cultural interchange in general, and of acculturation in a particular area or particular areas or among a particular people or particular peoples.

(b) Study of the application of Anthropology in Native Administration, mission work, education and economic development in Africa.

Paper 3.

Selected studies of peoples and cultures from two of the following areas:

(a) North and South America

(b) Australia

(c) Asia.



Honours
University of Fort Hare
(Four papers and a written essay)
Together in Excellence

Paper 1.

(a) An Intensive study of the methods and techniques of fieldwork in Anthropology.

(b) A survey of different approaches to the study of primitive societies.

Paper 2.

(a) The History of Anthropological Theory with special reference to current trends of thought.

(b) Selected theoretical problems from the field of Anthropology.

Paper 3.

1. Selected topics from the following:—

(a) Khoisan groups in Archaeology, tradition and history.

(b) Methods of oral history and their application in Southern Africa.

(c) African arts in Southern Africa.

(d) Settlement, material culture and development of Bantu groups in Archaeology and Ethnology.

(e) Physical variability in post-Pleistocene Southern Africa.

2. Advanced studies in Physical Anthropology as related to Southern Africa.

(a) Somatology.

(b) Constitutional and bio-types.

(c) Anthropometry (and laboratory work).

(d) Primatology.

(e) Evolution of Man.

Paper 4.

- (a) An Introduction to Urban Sociology and Anthropology.
- (b) A detailed study of Bantu Urban life, and a comparison with West Africa.

An article of 20-30 typed folio pages (10 000-15 000 words) on a subject from the field of Anthropology, approved by the Head of the Department. The article must show proof of the candidate's ability to work independently. It must be of such a standard that it can be published.

The Honours examination shall be written in two parts, part I comprising the written papers and part II the article.

ARCHAEOLOGY

1. Archaeology is a two-course major. Students are encouraged not to take Course I before their second year.
2. Anthropology I is required to be taken with or before Course II. History, Geography and Geology are recommended subjects.
3. Practical classes are prescribed for both courses in Archaeology.
4. Students are expected to take part in fieldwork during university vacations when this is arranged.

Course I

(Two papers and a practical)
 University of Fort Hare
 Together in Excellence

Paper 1.

- (a) Aims, scope and nature of Archaeology. Archaeology and education.
- (b) Basic methods and techniques in fieldwork, laboratory study and interpretation used by the archaeologist.
- (c) Palaeoanthropology: an introduction to the concept of the evolution of man with emphasis on prehistoric human types of Southern Africa.

Paper 2.

- (a) An introduction to world Archaeology: the development of man the hunter; the origins and spread of agriculture; the early civilizations.
- (b) The Prehistory of Southern Africa.

Practical:

- (a) The study of human skeletal material.
- (b) Practical techniques in Archaeology.

Course II

(Three papers and a practical)

Paper 1.

- (a) The History and Development of Archaeology.
- (b) Advanced methodology including the use of statistics.
- (c) The study of the environmental background to prehistoric man and his culture.

Paper 2.

- (a) Introduction to the study of the primates.
- (b) Palaeoanthropology: a detailed study of the origin and development of man.

Paper 3.

- (a) The Archaeology of Africa (concentrating on a special area).
- (b) Prehistoric Art.

Practical:

Field and laboratory techniques in Archaeology and Physical Anthropology.

Honours

The Honours course consists of four written papers and an original piece of supervised practical work with a report on it. Students may complete the course in a minimum of one academic year together with its succeeding long vacation, during which the research work should be completed. Students are expected to take part in fieldwork during other vacations when this is arranged.

Paper 1.

Selected problems in African Prehistory.

Paper 2.

Specialized practical, analytical and interpretative approaches and techniques in Archaeology.

Paper 3.

One or more topics from the following:

- (a) Quaternary geological studies in South Africa
- (b) Faunal remains and their interpretation in Archaeology
- (c) Palynology, flora and climate.
- (d) Lithic analysis and statistical techniques
- (e) Iron Age archaeology and its connections with oral and written history

Paper 4.

One or more topics from the following:

- (a) Advanced work in Physical Anthropology
- (b) Ethnology of Southern Africa
- (c) Other specialized fields.

Paper 5.

A report suitable for publication on the results of fieldwork or laboratory research undertaken by the candidate under the supervision of the Department or its representative. This report must show use of relevant literature on the topics together with original inquiry.

DEVELOPMENT POLICY AND ADMINISTRATION

Course I

Paper 1.

1. Introduction to the field of study: origin, theoretical viewpoints, terminology, sources, etc.
2. Historical and chronological review of relationship policy and administration in South Africa.
3. Review of the central organization for the administration of African affairs in South Africa.

Paper 2.

1. Introduction to the theory of development administration.
2. Urban migration of the Africans and related problems.
3. African education and taxation.
4. The African areas.
 - 4.1 Origin, physical characteristics, population.
 - 4.2 Economic development.
 - 4.3 Political development (including local government).
 - 4.4 Rights of Africans to land.

Course II*Paper 1.*

1. Political development in the South African areas (including local government).
2. The African in the S.A. Economy.
3. The administration of law as applied to the African.
4. S.A. policies in comparison with other parts of the world.
5. Administrative systems in the non-African areas.

Paper 2.

1. The economic development of the African areas.
2. A continuation of the study of urbanization and urban development.
3. Education in Africa (comparative).
4. Development and the development process, factors influencing development.
5. A continued study of the theoretical aspects of the subject with emphasis on a multi-disciplinary approach and the relationship with the social sciences and administration.

Course III*Paper 1.*

1. Advanced study of multi-disciplinary approaches to and theory in development administration.
2. Education as development determinant.
3. Economic development in developing countries.
4. The administration of community development.

Paper 2.

1. Comparative African law—administrative.
2. Political development of developing countries with particular emphasis on Africa.
3. Modern local government in Africa.

Paper 3.

1. A comparative study of the administrative systems as applied by the French, Belgian, Portuguese and British colonial powers.
2. Race relations and policies in multi-racial communities (S.A., U.S.A., etc.).

Honours

The Examination comprises five papers and may be written in two parts. Part I comprises papers 1, 2 and 3, and Part II papers 4 and 5.

Paper 1.

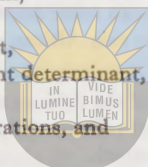
(a) Various methods of investigation and peculiar problems in relation to objective studies of sources, and individual and group field work also in economically less-developed territories; technical organization and scientific systematization of data collected. (Further attention will be given to the various research methods applicable in each paper).

(b) An intensive study of historical and contemporary trends of policy regarding the relations between the different population groups in South Africa. Attention is given to e.g. the policies of Sir George Grey, Sir Theophilus Shepstone, and the Republics (Transvaal and O.F.S.), the conflicting policies at unification, the policy of Gen. J. B. M. Hertzog, and the present-day alternative policies of separate development and integration.

Paper 2.

The principles of development administration. Attention is given to the following aspects:—

- (i) Political sub-system,
- (ii) Administrative sub-system,
- (iii) Economical sub-system,
- (iv) Community development,
- (v) Education as development determinant,
- (vi) International aid,
- (vii) Anthropological considerations, and
- (viii) Demographic aspects.

*Paper 3.*

(a) A comparative study of the practical implementation of the principles of development in the developing countries. (A case study of the implementation of the principles studied in Paper 3.).

(b) The implementation of development administration in a particular area in Africa.

Paper 4.

A comparative study of race relations; policies and problems in multi-racial countries, including;

- (i) Racial prejudice,
- (ii) Race attitudes,
- (iii) Political systems in multi-racial communities,
- (iv) Industrialization and race relations, and
- (v) A brief study of acculturation. (It will not be expected from students who have taken Anthropology as a major subject for the B.A. degree to do this sub-section. Alternative study material for this sub-section will be prescribed by the Head of the Department in such cases).

Paper 5.

The theoretical background and development characteristics of local government in Africa.

or

The problems arising from the urbanization of the indigenous populations in Africa south of the Sahara; control and administration in urban areas.

or

Any approved subject in consultation with the Head of the Department.

DEPARTEMENT AFRIKAANS-NEDERLANDS (EN DUIITS)

AFRIKAANS-NEDERLANDS

Spesiale Afrikaans

Hierdie kursus word deur die Gemeenskaplike Matrikulasieraad erken vir vry-stellingsdoeleindes vir Afrikaans standaardgraad op Matrikulasievlak.

Dis 'n afgeronde eenjarige kursus wat nie toegang tot Afrikaans-Nederlands II verleen nie, behalwe by wyse van hoë uitsondering. Elke student wat hierdie kursus volg, ontvang ook verpligte onderrig in die taallaboratorium.

Vraestel 1. (Taalkunde)

1. Vormleer en sintaksis.
2. Idioom en Spreekwoord.
3. Vertaling op sig uit Engels in Afrikaans en omgekeerd.
4. Stelwerk.
5. 'n Begripstoets wat in Afrikaans beantwoord moet word.

Handboeke :

GROENEWALD, P. W. J.
BARNES, A. S. V.



: *Learn to speak Afrikaans.*
: *Afrikaanse Grammatika.*

Vraestel 2

- Stilistiek aan die hand van voorgeskrewe tekste. Mondelinge Toets.

Voorgeskrewe werke :

VAN WYK LOUW, N. P.
and LINDENBERG, E.

University of Fort Hare
Treknet.
Together in Excellence

VAN DEN HEEVER, C. M.

: *Somer.*

LEIPOLDT, C. LOUIS

: *Die laaste aand.*

Kursus I

Eerste Vraestel (Taalkunde)

1. Taalverwantskap en taalindeling. 'n Skematiese aanduiding met kort toeligting van die plek van Afrikaans en Nederlands in die Germaanse verband.
2. Inleiding tot die Afrikaanse klank-, woord- en sinsleer.
3. Taalkundige begrippe en taalverskynsels.

Handboeke :

VAN DER MERWE, e.a.

: *Afrikaans, sy Aard en Ontwikkeling.*

Tweede Vraestel (Letterkunde)

1. Geskiedenis en geskrifte van die Afrikaanse Beweging.
2. Hoofmomente uit die Afrikaanse Literatuurgeskiedenis van die Twintigste Eeu.
3. Voorgeskrewe werke: 1 Prosawerk, 1 digbundel, 1 drama, 1 Nederlandse werk.

Handboeke :

KANNEMEYER, J. C.

: *Die Afrikaanse Bewegings (Blokboek)*

OPPERMAN, D. J.

: *Groot Verseboek.*

GROVÉ, A. P.

: *Woord en Wonder.*

VAN WYK LOUW, N. P.

: *Raka.*

LEIPOLDT, C. LOUIS

: *Die Heks.*

KRIGE, UYS

: *Vier Eenbedrywe (Van Schaik Toneelreeks)*

SCHOEMAN, KAREL : *Op 'n Eiland.*
 AUGUSTA, DE WIT : *Orpheus in de Dessa.*

Kursus II

Vraestel 1 (Taalkunde)

1. Fonologie.
2. Semantiek.
3. Sintaksis.

Handboeke :

VAN RENSBURG, M. C. J. e.a. : *T. G. G. : 'n Eerste Oorsig.*
 VAN DER MERWE, e.a. : *Inleiding tot die Taalkunde.*

Vraestel 2 (Taalkunde)

1. Die Ontwikkelingsgeskiedenis van Nederlands tot by Afrikaans.
2. Die Ontstaan van Afrikaans.
3. Hoofverskilpunte tussen Afrikaans en Nederlands.

Handboeke :

RAIDT, E. : *Afrikaans en sy Europese verlede.*
 MEYER DE VILLIERS : *Nederlands en Afrikaans.*

Vraestel 3 (Afrikaanse Letterkunde)

1. Literatuurteorie: Poësie.
2. Die Afrikaanse poësie met toespitsing op 'n aantal digters en bundels.

Voorgeskrewe werke :

OPPERMAN, D. J. : *Digters van Dertig.*
 OPPERMAN, D. J. : *Groot Verseboek.*
 VAN WYK LOUW, N. P. : *Die Halwe Kring.*
 LOUW, W. E. G. : *Die Ryke Dwaas.*

Vraestel 4 (Nederlandse Letterkunde)

1. Oorsig oor die Nederlandse Letterkunde met toespitsing op die Beweging van Tagtig.
2. Voorgeskrewe werke.

Handboeke :

ANTONISSEN, ROB. : *Digkuns van die Nederlande, Deel 2.*
 STREUVELS, STIJN. : *De Vlaschaard.*
 RIJPMAN en RIJPMAN, : *Beknopte Geskiedenis Van die Nederlandse Letterkunde*
 (VERT. A. P. GROVÉ.)

Kursus III

Vraestel 1 (Taalkunde)

1. Fonologie.
2. Sintaksis.
3. Semantiek.

Handboeke :

VAN RENSBURG, M. C. J. e.a. : *T.G.G. : 'n Eerste Oorsig.*

Vraestel 2 (Afrikaanse Letterkunde)

- Literatuurteorie: 1. *Prosa*
 Skets, kortverhaal, novelle, roman.
 2. *Drama*
 Hoorspel, eenbedryf, versdrama, drama.

Voorgeskrewe werke :

MILES, JOHN	: <i>Liefs nie op straat nie</i>
BARNARD, CHRIS	: <i>Duiwel-in-die-bos.</i>
VENTER, F. A.	: <i>Swart Pelgrim.</i>
LEROUX, E.	: <i>Een vir Azazel.</i>
BARNARD, CHRIS.	: <i>Mahala.</i>
SMIT, BARTHO	: <i>Putsonderwater.</i>
BARNARD, CHRIS.	: <i>Die rebellie van Lafras Verwey.</i>
VAN WYK LOUW, N. P.	: <i>Germanicus.</i>
SMALL, ADAM	: <i>Kama hy kō hystoe.</i>

Vraestel 3 (Middelnederlandse en Sewentiende-Eeuse Letterkunde)

Hoofmomente uit die Middelnederlandse letterkunde.
 Die Nederlandse Goue Eeu.

Voorgeskrewe werke :

VAN SCHAIK-UITGAWE	: <i>Beatrijs.</i>
DEKKER, G.	: <i>Van Hooft tot Luyken.</i>
VAN DEN VONDEL, J.	: <i>Adam in Bailingschap.</i>



University of Port Harcourt
 Together in Excellence

Vraestel 4 (Nederlandse Letterkunde)

Die Nederlandse Letterkunde van 1900 tot hede.

Voorgeskrewe werke :

ANTONISSEN, ROB.	: <i>Digkuns van die Nederlande.</i>
VAN SCHENDEL, ARTHUR	: <i>Een Hollandsch Drama.</i>
CLAUS, HUGO	: <i>De Metsiers.</i>
WOLKERS, JAN.	: <i>Een Roos van Vlees.</i>
CLAUS, HUGO	: <i>Een Bruid in de Morgen.</i>

Honneurs

Vir besonderhede omtrent hierdie kursus moet die hoof van die Departement geraadpleeg word.

GERMAN

Special Course
 (Two Papers)

Paper 1—Language

- Accidence and syntax.
- Idiom of the language and proverbial expressions.
- Unseen translation from German into English or Afrikaans and vice versa.
- Composition.

- (e) Comprehension tests which may be answered in English or Afrikaans.
 (f) Oral test.

Prescribed Work :

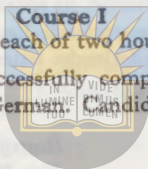
- HERMANN KESSLER : *Deutsch für Ausländer*, Teil 1, 1a, 1b and 2.
 P. F. DORING : *Colloquial German*, McMillan, (S.A.)

Paper 2—Literature.

Question which may be answered in English or Afrikaans on prescribed German texts. (Prose and poetry).

Prescribed Texts :

- DENEKE : *Gestalten Deutscher Dichtung*, Hirschgraben Verlag—
Moderne Erzähler, Schöningh. 5 en 10
 PENGUIN PARALLEL TEXT : *Deutsche Kurzgeschichten*
 BERGENGRUEN : *Das Tempelchen* (Arche)

**Course I**
(Three papers each of two hours duration)

Only for students who have successfully completed the Special Course or have attained Matriculation standard in German. Candidates are expected to participate in language laboratory work.

Paper 1—Language.

Continuation of the study of incidence and syntax. Exercises in reading, grammar, conversation and composition. Unseen translation from German into English/Afrikaans and vice versa.

Prescribed Work :

- HERMANN KESSLER : *Deutsch für Ausländer*, Teil 2 and 2a.
 KAUFMANN : *Wie sag' ich's auf Deutsch* (Hueber).
 SCHABLIN : *Kurze Deutsche Grammatik*. (Hueber).
 TREUHEIT : *Deutsche Sprachkunde für höhere Schulen*.

Paper 2—Literature and Culture.

At least half of the questions in this paper must be answered in German.

- (a) An outline of the History of German Culture and Literature.
 (b) A detailed study of the set works (prose, poetry and drama).

Paper 3—Setwork.**Prescribed Work :**

- GRABERT und MULOT : *Geschichte der Deutschen Literatur* (Bayer. Schulbuch Verlag).
 HORN/KRÜGER : *Deutsche gedichte*.
 KLEIST : *Erdbeben in Chile* (Reclam).
 LESSING : *Natan der weise*.
 SCHILLER : *Wilhelm Tell*.
 EICHENDORFF : *Aus dem Leben eines Taugenichts* (Reclam).
 KELLER : *Kleider machen Leute* (Reclam).
 SIMMEL : *Begrenzung im Nebel*.
 BÜCHNER : *Woyzeck* (Reclam).
 BRECHT : *Der Kaukasische Kreidekreis*.

Course II
(Three papers)

Paper 1. Grammar and History of Grammar : Phonetics

SCHABLIN	: Kurze deutsche Grammatik (Hueber)
KAUFMANN	: Wie sag ich's auf Deutsch (Hueber)
TREUHEIT	: Deutsche Sprachkunde für höhere Schulen (Büchner) (The second half of the book.)

Paper 2. History of German Literature

KRELL	: Deutsche Literaturgeschichte für höhere Schulen (Buchner)
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Paper 3. Prescribed Works.

SCHUBART	: Gedichte (Fischer-Bücherei)
DROSTE-HÜLSHOFF	: Gedichte (Fischer-Bücherei)
MÖRIKE	: Gedichte (Fischer-Bücherei)
FINCK	: Die Deutsche ballade
LENZ	: Deutschstunde
EICHENDORFF	: Die Freier (Reclam)
HEBBEL	: Agnes Bernauer (Goldmann)
KLEIST	: Sämtliche Novellen
HEINE	: Aus den Memoiren des Herrn von Schnapelewopski (Reclam)
EICH	: Züge im Nebel
T. MANN	: Tomio Krüger
G. KELLER	: Das Sinngedicht (Reclam)
HESSE	: Siddhartha
DÜRRENMATT	: Die Physiker

Course III
(Three Papers)

(all papers must be answered in German)

Paper I. Grammar.

- (i) History of Grammar.
- (ii) Middle High-German.
- (iii) Grammar usage.

Handbooks: DU PLOOY: Middel—Hoogduitse tekste.

Paper II. History of German Literature.

(18th and 19th century with special study of the classical and naturalism.)

Handbooks: KUNZE/OBLAENDER: Grundwissen Deutsche Literatur (Klett Verlag)

Paper III. Prescribed works.

- (i) Critical evaluation of prescribed works.
- (ii) Introduction to the literature science and/or comparative language study (Xhosa-German).

Literature:

BRECHT : Mutter Courage (Suhrkamp).

T. MANN	: Tristan (Reclam).
H. HESSE	: Peter Camenzind (Knaur).
W. FLEX	: Der Wanderer zwischen beiden Welten. (Schöningh)
WIECHERT	: Hirtennovelle (Kurt Desch Verlag).
DÜRRENMATT	: Die Physiker.
P. HANDKE	: Kaspar (Suhrkamp).
G. GRASS	: Die Plebejer proben den Aufstand (Fischer).
R. M. RILKE	: Gedichte (Reclam).
FEHSE	: Lyrik der Gegenwart. (Reclam). Moderne Erzähler No. 10. (Schöningh).
H. KESSLER	: Deutsch für Ausländer. Teil 3b & 3D.

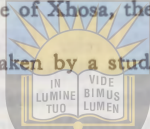
Oral test: Intensive Language laboratory work will be offered.

BANTU LANGUAGES

Courses are offered in Xhosa and Southern Sotho.

By "group" is meant, in the case of Xhosa, the Nguni Group, and, in the case of Southern Sotho, the Sotho Group.

A special course may only be taken by a student who has not matriculated in a language of the same group.



Special Course (Two papers)

University of Port Hare
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Paper 1.—Section A.

The principles of phonetics and phonology of the language. (25%)

Section B.

A simple explanatory study of the morphology and syntax of the language; exercises in the practical use of the language. (75%)

Paper 2.—Section A.

Translations (30%)

Section B.

Essay (30%)

Section C.

Literature. Prescribed works. (40%)

Course I

(Two papers)

Paper 1.—Section A.

Principles of phonetics and phonology of the language. (40%)

Section B.

Morphology and syntax of the language (60%)

Paper 2.

(a) A literary study of the prescribed works. (80%)

(b) The basic principles of literature. (20%)

Course II (Three papers)

Paper 1.

Comparative linguistics of the main language and another language of the same group. (100%)

Paper 2.—Section A.

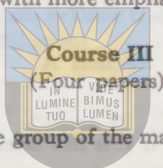
The literature of the language studied in the wider contexts of world literature, African literature, culture and thought, and folklore.

Section B.

Modern literature, a study of the history and development of modern literature (drama, novel, poetry etc.) of the language. (50%)

Paper 3.

Literature. Prescribed works with more emphasis on "literary criticism". (100%)

**Course III****(Four papers)****Paper 1.**

Comparative linguistics of the group of the main language. (100%)

Paper 2.

Comparative Bantu linguistics with reference to—

(a) The general principles underlying the reconstruction of Ur-languages; Ur-Bantu; sound-shifting from Ur-Bantu to the main language.

(b) The characteristics of the Bantu language family.

(c) The classification of the language of the zone and the characteristics of the zone to which the main language belongs.

(d) The classification of the dialects and the characteristics of the group to which the main language belongs.

(e) Certain aspects of comparative Bantu linguistics with reference to the zone concerned, e.g., phonological laws, class concordance.

(f) History of the development of the main language. (100%)

Paper 3.

Advanced literary criticism. Prescribed works. (100%)

Paper 4.

A continuation of the study of the literature of the language in its wider contexts.

Honours

Prerequisites

(a) Before commencement of his/her studies for the Honours Degree, the student must have passed a third course in one Bantu Language, and a special course in another.

(b) Students must choose four papers in consultation with the Head of the Department. At least one paper should be chosen from each section.

(c) Students who take three courses from Section A, must have course I in the second Bantu Language. This Course may be taken concurrently with the Honours Course.

(d) Students who take three courses from Section B, must have Anthropology I. This course may be taken concurrently with the Honours Course.

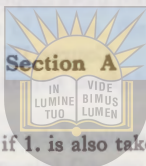
(e) A student who takes two papers from each section, may choose between Course I in the second Bantu Language, and Anthropology I.

(f) Students who take Paper 10, must have a reading knowledge of French. Provision is made for this in the Language Laboratory. A simple translation test will be used in this connection, but no marks will be allotted for it.

(g) Apart from the four papers chosen under (b), a candidate shall hand in an article of approximately 10,000 words on an approved subject before completing the written part of the examination. This article takes the place of a fifth paper, and marks will be allotted as if it were an examination paper.

(h) With special permission from the head of the department, a student may take a fifth paper in the place of the article.

Syllabus



1. (a) Phonetics
- (b) Phonology
2. Prosodics (can be taken only if 1. is also taken)
3. (a) Morphology
- (b) Syntax
- (c) Semantics
4. The Bantu Languages (classification, characteristics, etc.).

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Section B

5. Folklore in general and in Africa specifically.
6. Bantu Literature.
7. Modern prose of main language.
8. Modern drama of main language.
9. Modern poetry of main language.
10. African literature and thought.

N.B. Only two papers may be selected from papers 7, 8 and 9.

Prescribed Works

XHOSA

Special Course

Language :

Jordan : *A Practical Course in Xhosa* (Lovedale)

Literature :

Jordan : *Kwezo Mpindo zeTsitsa* (Lovedale)

Sinxo : *UNomsa* (Lovedale)

Course I

Language :

- Jordan : *A Practical Course in Xhosa* (Longmans)
 Ziervogel : *Handbook of the Zulu Language* (Van Schaik)

Drama :

- Mtywaku : *UNcumisa noNqabayakhe* (van Schaik)
 Mmango : *Law' ilahle* (Lovedale)

Poetry :

- Huna : *Ulindipasi* (Via Afrika)
 Qangule : *Intshuntshe* (van Schaik)

Prose :

- Jolobe : *Elundini loThukela* (Lovedale)
 Jongilanga : *Apha naphaya* (Via Afrika)
 Jordan : *Kwezo Mpindo zeTsitsa* (Lovedale)
 Qangule : *Izagweba* (Educum)



Language :

- Doke : *Text Book of Zulu Grammar* (Longmans)

Drama :

- Mmango : *UDike noCikizwa* (A.P.B.)

Poetry :

- Jolobe : *Umyezo* (Wits. Univ. Press)

Prose :

- Tamsanqa : *Ukuba ndandazile*, (Oxford Univ. Press)
 Tamsanqa : *Inzala kaMlungisi* (Oxford Univ. Press)
 Tamsanqa : *Imitha yelanga* (Oxford Univ. Press)
 Sinxo : *UNojayiti wam* (Lovedale)

Course III

Language :

- Doke : *Text Book of Zulu Grammar* (Longmans)
 Ziervogel : *A Grammar of Swazi* (Wits. Univ. Press)

Drama :

- Mbulawa : *Mamfene* (Shuter and Shooter)
 Jongilanga : *Ndiyekeni* (Educum)

Poetry :

- Nyoka : *Uhadi* (Maskew Miller)
 Yako : *Ikhwezi* (Lovedale)
 Mqhayi : *Inzuzo* (Wits. Univ. Press)

Prose :

- Ngani : *Umqol' uphandle* (Via Afrika)
 Jordan : *Ingqumbo yeminyanya* (Lovedale)
 Mqhayi : *Ityala lamavele* (Lovedale)
 Mqhayi : *UMqhayi waseNtabozuko* (Lovedale)
 Mqhayi : *UDon Jadu* (Lovedale)
 Mqhayi : *UAdonisi wasentlango* (Lovedale)

All Xhosa Students, Courses I-III

- Damane and Sanders : *Lithoko—Sotho praise poems* (Oxford Univ. Press)
 Grace : *Response to Literature* (McGraw-Hill)
 Kriel : *An African Horizon* (Permanent publishing house, Rondebosch, Cape Town).
 Kunene : *Heroic poetry of the Basutho* (Oxford Univ. Press)
 Ntuli : *Imitation in Zulu poetry* M.A. Thesis,* UNISA.
 Qangule : *Igqudu* (Gouws and Gouws, Cape Town)
 Qangule : *A study of conflict and theme in A. C. Jordan's Ingqumbo yeminyanya*, M.A. Thesis,* UNISA.
 Scheub : *The Xhosa ntsomi* (Oxford Univ. Press)

*The Theses are available from the library.

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SOUTHERN SOTHO

Special Course

Language :

- Ferreira : *'n Leerboek vir Suid-Sotho* (van Schaik)
 Jordan : *A Practical Course in Xhosa* (Longmans)

Literature :

- Mofokeng : *Pelong ya ka* (Wits. Univ. Press)
 Germond (ed.) : *Padiso tsa Sesotho, Book II* (Moriya)

Course I*Language :*

- Doke and Mofokeng : *Textbook of Southern Sotho Grammar* (Longmans)
 Guma : *An Outline Structure of Southern Sotho* (Shuter and Shooter)
 Khaketla : *Sebopeho sa Sesotho Karolo 1* (A.P.B.)
 Ziervogel (ed.) : *Handbook of the Speech Sounds and Sound Changes of the Bantu Languages of South Africa* (van Schaik)

Poetry :

- Khaketla : *Dipjhamathe* (Johannesburg Afrikaanse Pers)

Novels :

- Ntsane : *Nna Sajene Kokobela* C.I.D. (A.P.B.)
 Guma : *Tshehluna tseo tsa Basia* (Shuter and Shooter)

Drama :
Motsieloa : *Thabiso le Dirontsho* (Bona Press)

Short Stories :
Mofokeng : *Leetong* (Wits. Univ. Press)

Course II

Language :
Cole : *An Introduction to Tswana Grammar* (Longmans)

Poetry :
Ntsane : *Mmusapele* (A.P.B.)

Drama :
Khaketla : *Mosali eo u 'neileng eena* (Morija)

Novel :
Mofolo : *Chaka* (Morija)

Short Stories and Essays :
Mofokeng : *Leetong* (A.P.B.)
: *Pelong ya ka* (Wits. U.P.)

Special Author :
Khaketla : *Bulane* (Johannesburg Afrikaanse Pers)
Meokgo ya thaba (A.P.B.)
Mosali a nkhole (A.P.B.)
Moshoeshe le Baruti (Morija)
Tholoana tsa Sethepu (Morija)

Course III

Language :
Ziervogel : *A Handbook of the Northern Sotho Language* (van Schaik)

Drama :
Mofokeng : *Senkatana* (Wits. Univ. Press)
Motsieloa : *Thabiso le Dirontsho* (Bona Press)

Poetry :
Ntsane : *Mmusapele 11* (A.P.B.)
Mokhomotse : *Sebatatso* (A.P.B.)

Novels :
Khaketla : *Mosali a nkhole* (A.P.B.)
Nqheku : *Arola naheng ya Maburu* (Mazenod)

Special Author :
Mofolo : *Chaka* (Morija)
Pitseng (Morija)
Moeti wa Botjhabela (Morija)

BIBLICAL STUDIES
(For B.A. and B.Ped. students)

Course I
(One paper)

Section A: Old Testament.

- (a) Biblical Archaeology.
- (b) General introduction to the study of the Old Testament (Text, Canon, Versions).
- (c) Survey of the history of Israel from its inception until the destruction of the first temple.

Section B: New Testament.

- (a) Geography of the Bible lands.
- (b) General introduction to the study of the New Testament (Text, Canon Versions)
- (c) Survey of the history and contents of the New Testament (1).

Paper 1: Old Testament.

- (a) Special introduction to the Old Testament literature up to the Captivity.
- (b) Introduction to the literary forms and types of the Old Testament.
- (c) Survey of the history of Israel from the destruction of the first temple to the destruction of the second temple.
- (d) Old Testament Theology (Part I).

Paper 2: New Testament.

- (a) Survey of the history and contents of the New Testament (Part I).
- (b) Introduction to the literature of the New Testament (Part I).
- (c) Introduction to the literary forms and types of the New Testament.
- (d) New Testament Theology (Part I).

Course III

Paper 1: Old Testament.

- (a) An introduction to the Old Testament literature after the Captivity.
- (b) Old Testament theology (Part II).
- (c) The history of the Religion of Israel.

Paper 2: New Testament.

- (a) Introduction to the literature of the New Testament. (Part II)
- (b) New Testament Theology (Part II).
- (c) Introduction to New Testament Ethics.

Paper 3: Bible and Church.

- (a) The Bible in the early Church.
- (b) The Bible in the Reformation.
- (c) The Bible in the Roman Catholic Church.
- (d) The Bible and the Missionary.

Honours
(For B.A. students)

Candidates who enrol for the degree of B.A. (Hons.) (Biblical Studies) must pass Hebrew I and Greek IA before the degree will be conferred on them.

B.Ped. students taking Biblical Studies IV shall write papers, 1, 2 and 3.

Paper 1 :

- (a) A survey of the archaeology and history of the Ancient Near East as these apply to the life and institutions of Ancient Israel.
- (b) A study of the Inter-testamental period and its cultural, literary and ideological background.
- (c) Cultural, historical and religious background to the New Testament times.

Paper 2 :

- (a) A historical and critical account of the leading schools of Old Testament interpretation.
- (b) A historical and critical account of the leading schools of New Testament interpretation.



Paper 3 :

- (a) Theology of the Old Testament.
- (b) Theology of the New Testament.

Paper 4 :

- (a) Exegetical study of 8 chapters of the Old Testament (4 using the R.S.V. and 4 using the Hebrew text).
- (b) Exegetical study of 8 chapters of the New Testament (4 using the R.S.V. and 4 using the Greek text).

Paper 5 : Dogmatics and Ethics.

- (a) Selected themes in Systematic Theology.
- (b) Selected themes in Theological Ethics.

CLASSICAL LANGUAGES

GREEK

(Including Principles of Greek Culture)

Greek IA

(One paper)

1. A study of the grammar (accidence and syntax) of Greek.
2. Translation of sentences and/or passages from and into Greek.
3. A survey of Christian Greek Literature.

Greek IB

(Two papers)

1. Formal grammar of Greek.
2. Exercises in unseen translations and simple translations into Greek.
3. A study of selected chapters from the following prescribed books:—
 - (a) The Greek New Testament: *John*.
 - (b) Xenophon: *Anabasis*, or
Clement of Rome: *First Epistle to the Corinthians*.

(c) *The Didachs.*

(Translation, grammatical comment, context and background).

4. A survey of Greek history in the Hellenistic period (336-31 B.C.), with reference in particular to the nature of the Hellenistic State and cultural trends of the period.

Greek II

(Three papers)

1. A study of Greek grammar, systematically and in relation to the history of the Greek language.

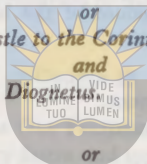
2. Exercises in unseen translation and prose composition.

3. A study of the following prescribed books:—

(a) Plato : One Dialogue.

(b) Euripides : One Tragedy.

(c) Herodotus : One Book.

Clement of Rome : *First Epistle to the Corinthians.*Anon. : *Epistle to Diognetus*(d) *The Acts of the Apostles*Homer : One book of the *Odyssey.*

(Translation, grammatical annotation, explanation of context and content, and questions of a literary nature).

4. A survey of Greek history from about 1200 to 336 B.C., with particular reference to the *polis*, religion and thought.

5. A survey of Greek literature, with special reference to the above prescribed books.

Greek III

(Four papers)

1. Detailed study of Greek grammar, both diachronically and synchronically.

2. Advanced prose composition and unseen translations.

3. A detailed study of the following prescribed books:—

(a) Sophocles : One Tragedy.

(b) Thucydides : One Book.

(c) Aristophanes : One Comedy.

or

Paul : Two Epistles.

(d) Plato : One Dialogue.

or

Greek Papyri : Selections

(e) Homer : One Book of the *Iliad*

or

Clement of Alexandria: *Exhortation to the Greeks.*

(Translations, comment on grammar and metre, textual criticism, explanation of context and content and questions of a literary nature).

4. A study of a special period of Greek history including the study of primary sources.
5. A detailed study of special genres or periods of Greek literature, with special reference to the above prescribed books.

Principles of Greek Culture

(Two papers)

A survey of the following aspects of Greek Culture (as evidenced by Greek authors, whose works are to be read in translation):

- (a) Mythology and religion.
 (b) Literature with special study of a specified branch of literature.
 (c) Political, social and constitutional history during the Classical Period.
 (d) The sculpture and architecture of the Periclean Period.

LATIN

Special Latin

(One paper)

- (a) Questions on accidence and syntax of Latin.
 (b) English sentences for translation into Latin.
 (c) Easy pieces of prose (Latin) for translation into English, of which at least one passage will be taken from a prescribed number of Latin passages.

Course I

(Two papers)

- A. Two set books, both for detailed study. (The questions include passages for translation, grammatical annotations, explanation of context and contents; also literary questions on the authors concerned, both in general and with particular reference to the set books. As far as metre is concerned students need only study the elegiac couplet).
- B. Prose Composition and unseen translation.
- C. Outline of Roman History to 14 A.D.

Prescribed Texts:

Cicero: Philippics 4-6
 Vergil: Aeneid II

Course II

(Three papers)

- A. Four set books, two for detailed study. (The questions include passages for translation, grammatical annotations, explanation of context and contents; also literary questions of the authors both in general and with particular reference to the set books. As far as metre is concerned, students need only study the Sapphic and Alcaic stanzas of Horace).
- B. More advanced prose composition and unseen translation.
- C. A study of Roman History from 14 A.D.—337 A.D.

Prescribed Texts:

Horace : Odes (ed. Page)
 Livy : Lib. XXX
 Terence : Heauton timorumenos.
 Pliny : Selected Letters (ed. Prichard).

Course III

(Four papers)

- A. Seven set books, four for detailed study. (The questions include passages for translation, grammatical annotation, explanation of context and contents; also literary questions on the authors concerned, both in general and with particular reference to the set books)
- B. Advanced prose composition and unseen translation.
- C. The study of a specified branch of Latin literature.
- D. The study of special period of Roman History.

Prescribed Texts:

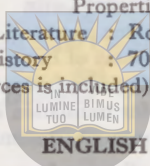
Tacitus : Annals I.	Lucretius : De Rerum Natura III.
Cicero : De Finibus I	Vergil : Aeneid VI.
Horace : Satires (ed. Palmer).	
Juvenal : Satires (ed. Duff)	

Propertius: Elegies I.

Special Branch of Roman Literature : Roman Satire

Special Period of Roman History : 70 B.C. to 14 A.D.

(A study of epigraphic sources is included).



The courses cover topics arising from the study of the works prescribed. Direct reading of these works is more important than knowledge of what historians of literature say about them; but it is expected that students will regularly consult:—

- (a) The Oxford Companion to English Literature, The Cambridge History of English Literature, the relevant articles in The Encyclopaedia Britannica, and Chamber's Encyclopaedia, and the Dictionary of National Biography.
- (b) Current criticism in at least two of the following:
The Spectator, The Observer, The New Statesman, The Times Literary Supplement, The Critical Quarterly, A Review of English Literature, Encounter, The Sewanee Review, The Partisan Review.

Practical English

This course is intended for students desiring to take an academic course in English in which the emphasis is on language and communication rather than on the close study of literature. Its purpose is to train students in clear thinking and precise and lucid expression. The course aims at providing knowledge of and practice in the various registers of English which may be useful to students reading for degrees other than an Arts degree. It includes training in the use of English in various practical situations in life, such as, attendance at meetings, elections to committees, handling of reports, notices and communications of various kinds, correspondence by letter, and proof-reading.

The Practical English Course does not lead on to English II (except in very exceptional cases, to be decided by the Head of the Department).

Two papers will be set.

Paper 1 will cover questions on:

Style (the styles of persuasion, including advertisements, exposition, description, narration, etc.)

Letter-writing

Clear communication (words and mishandling of words, emotive and referential meaning of words, definitions, syllogisms, sentence construction and rhythm in language)

Comprehension.

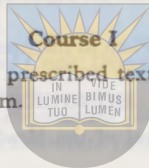
(Summaries, Précis, Reports, Minutes, Agenda, Simple Press Reports and Statements)

Figures, Statistics and Diagrams into Language.

Scientific terms and scientific writing.

Paper 2 will be set on the three prescribed works which will be studied mainly from a language and style point of view. This paper will also include a question on comprehension and interpretation of *two* passages, one from the prescribed works and one unseen.

Work in the Language Laboratory will be compulsory and an oral test may be set at the end of the year.



The method of commenting on prescribed texts should generally take the form of essays embodying Practical Criticism.

Paper 1.

- (a) Modern English Usage.
- (b) English Phonetics
- (c) Practical Criticism. *Together in Excellence*

Paper 2.

- (a) Detailed study of three novels.
- (b) Detailed study of three Shakespearian plays.
- (c) Detailed study of certain poems.

Course II

The method of commenting on prescribed texts should generally take the form of essays embodying practical criticism.

Paper 1.

Detailed study of selections of the "Metaphysical" poets, Pope, Hopkins, D. H. Lawrence.
Practical criticism.

Paper 2.

Detailed study of four novels, five plays, and an anthology of short stories.

Paper 3.

Literary linguistics. Candidates will be tested on their ability to interpret texts in the following, and on their understanding of topics arising from the works prescribed:

Middle English, Phonetics, Poetics. A survey of critical tradition: Plato, Aristotle, Horace, Longinus.

Course III

The method of commenting on prescribed texts should generally take the form of essays embodying practical criticism.

Paper 1.

Detailed study of selections from the work of Milton, Blake, Wordsworth, Yeats, T. S. Eliot.

Practical criticism.

Paper 2.

Detailed study of five plays.

Paper 3.

Detailed study of seven novels, and of their part in the tradition of the English novel.

Paper 4.

Literary Linguistics. As for Course II, Paper 3, with reference to a further series of texts.

Poetics. Critical tradition from Plato to the present day.

A choice, subject to the approval of the Head of the Department, of *five* of the following papers:

Paper 1.

Literary Criticism.

Paper 2.

The 14th and 15th Centuries.

Paper 3.

1558—1625.

Paper 4.

1635—1700.

Paper 5.

1700—1784.

Paper 6.

1784—1832.

Paper 7.

The Modern Period.

Paper 8.

A special Author or Topic selected from

(a) African literature in English.

or

(b) A topic approved by the Head of the Department.

Paper 9.

Subject to the approval of the Head of the Department, a candidate may elect to submit an extended essay of not more than 10,000 words in place of one of the above examination papers.



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Prescribed Books

Practical English

- T. D. Tosswill : *Using English* (G. Bell & Sons, London, 1965)
 A. Lennox-Short : *Effective Expression: A Course in Communication.* (Evans)
 Shakespeare : *Julius Caesar* (New Swan Series or Penguin Shakespeare Series)
 Lord David Cecil : *English Short Stories of My Time* (O.U.P.)
 George Orwell. : *Animal Farm* (Penguin)

Course I

Paper 1.

- (a) C. W. Turl : *Complete English Revision Course* (G. Bell & Sons)
 (b) ed. Beeton, : *The Art of Communication* (O.U.P., Cape Town, 1974)
 Maxwell-Mahon
 and Goedhals
 (c) Heese & Lawton : *The Owl Critic.* (Nasou Ltd.)
 (d) *The Concise Oxford Dictionary*
 (e) Daniel Jones : *English Pronouncing Dictionary.* (Dent, Dutton)
 (f) Anthony Burgess : *English Literature (a Survey for Students)* (Longman)

Paper 2.

- (a) Shakespeare : *Macbeth* (New Swan OR New Penguin Shakespeare Series)
Henry IV (Part 1) (New Swan OR New Penguin Shakespeare Series)
As You Like It (New Swan OR New Penguin Shakespeare Series)
 (b) *Modern Poems* : (Edited by Michael Thorpe). (O.U.P.)
 (c) George Eliot : *The Mill on the Floss* (Nelson)
 Joseph Conrad : *Youth* (Everyman Paperback, Dent)
 D. H. Lawrence : *Sons and Lovers* (Penguin)

Course II

Paper 1.

- (a) D. H. Lawrence : *Selected Poems* (ed. Keith Sagar; Penguin Poets)
 (b) *The Metaphysical Poets* (Penguin)
 (c) Pope : *The Rape of the Lock* and *Essay on Man.* (Everyman or Oxford Standard Authors)
 (d) Hopkins : *Poems* (Penguin Edition)
 (e) Thompson : *Reading and Discrimination* (Chatto & Windus)

Paper 2.

- A. (a) Robert Bolt : *A Man for all Seasons.* (Heinemann)
 (b) Shakespeare : *Antony and Cleopatra* (New Swan Series or New Penguin Series)
 : *Othello* (New Swan Series or New Penguin Series)

- (c) Sheridan : *The Rivals* (Collins, Maskew Miller)
 (d) Marlowe : *Dr Faustus* (Everyman, No. 383)

- B. (a) Twain : *Huckleberry Finn* (Nelson)
 (b) Conrad : *The Secret Agent* (Longmans)
 (c) Hardy : *Tess of the D'Urbervilles* (Penguin)
 (d) Golding : *Lord of the Flies* (A Faber Paperback)
 (e) *Short Story Study* (ed. Smith & Mason) (Arnold)

Paper 3.

- (a) Poetics : Aristotle: *Poetics*; Longinus: *On the Sublime*; Plato: *The Republic*, Book X; and Horace: *The Art of Poetry* (Everyman, No. 901)
 (b) Middle English : Chaucer: *The Canterbury Tales: General Prologue to the Canterbury Tales*: (ed. J. Winny, Cambridge U.P., 1965) *The Knight's Tale* (ed. A. C. Spearing, Cambridge U.P., 1966) *The Pardoner's Prologue and Tale* (ed. A. C. Spearing, Cambridge U.P., 1966)
 (c) Phonetics : Daniel Jones: *English Pronouncing Dictionary* (Dent, Dutton)

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 Course III
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Paper 1.

- (a) Milton : *Paradise Lost*, Books 1 and 2; other selections (Everyman Edition)
 (b) Blake : *Poems: Selections from Poetical Sketches and Songs of Innocence and Songs of Experience*. (Penguin Poets)
 (c) Wordsworth : Selections from *A Wordsworth Anthology* (Collins)
 (d) Yeats : *A Selection of Yeats' Poetry* (Macmillan)
 (e) Eliot : *Selected Poems of T. S. Eliot* (Faber & Faber Paperback)
 (f) Thompson : *Reading and Discrimination* (Chatto & Windus)

Paper 2.

- Shakespeare : *The Merchant of Venice, The Winter's Tale, King Lear, Hamlet and Twelfth Night*.
 (All in New Swan Series OR New Penguin Shakespeare Series)

Paper 3.

- (a) Austen : *Northanger Abbey* (The World's Classics, O.U.P.)
 (b) Dickens : *Hard Times*. (Everyman Paperback, Dent & Dutton)
 (c) George Eliot : *Middlemarch*. (The World's Classics, O.U.P.)
 (d) Chinua Achebe : *Things Fall Apart*. (Heinemann)
 (e) James : *The Portrait of a Lady*. (The World's Classics, O.U.P.)
 (f) Lawrence : *The Rainbow*. (Penguin)
 (g) E. M. Forster : *A Passage to India*. (Penguin)

Paper 4.

- (a) Poetics : Enright and de Chickera: *English Critical Texts* (O.U.P.)
 (b) Middle English : *Sir Gawain and the Green Knight* (Tolkien and Gordon or Israel Gollancz, O.U.P.)
 (c) Phonetics : Daniel Jones: *English Pronouncing Dictionary* (Dent, Dutton)

Honours

List of prescribed works obtainable on application from the Head of the Department.

FINE ARTS**HISTORY OF ART****Course I
(Two Papers)**

A broad survey of the main art movements from prehistory to the present. Both the fields of painting and sculpture, and architecture should be studied.

- A. (1) Prehistoric art in Europe and Africa
 (2) Egyptian
 (3) Greek
 (4) Roman
 (5) Medieval.
- B. (6) Renaissance
 (7) Baroque
 (8) 19th Century
 (9) 20th Century
 (10) South African (including traditional African and Neo-African art).

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**Course II
(Two papers)**

A detailed study of Prehistoric and Primitive Art.

- A. Prehistoric: (i) European
 (ii) Middle Eastern
 (iii) African
- B. Primitive Art: (i) Africa
 (ii) Oceania
 (iii) Pre-Columbian

**Course III
(Two papers)**

A detailed survey of the following Modern Art directions:

- A. (1) Fauvism
 (2) Expressionism
 (3) Cubism

- (4) Purism
 - (5) Orphism
 - (6) Futurism
 - (7) Vorticism
 - (8) Dada and Surrealism
- B.
- (9) Suprematism
 - (10) De Stijl
 - (11) Constructivism
 - (12) Abstract Expressionism
 - (13) Kinetic Art
 - (14) Pop Art
 - (15) Op Art
 - (16) Minimal Art



Paper 1: Language.

- (a) Principles of Hebrew grammar (script, phonetics, accents, accidence of pronoun, strong noun, irregular nouns, particles, numerals up to 100 and strong verbs, with verbal suffixes).
- (b) Simple translations from and into Hebrew.

Together in Excellence

Paper 2: Background.

- (Students who have Biblical Studies I to their credit are exempted from paper 2).
- (a) A survey of Biblical Archeology.
 - (b) Israelite history and its Near Eastern background from the beginning to the destruction of the First Temple.
 - (c) Survey of Biblical Geography.

Course II

Paper 1: Language and text.

- (a) Principles of Hebrew grammar (weak verbs and nouns derived from them comparison, particles) with translations from and into Hebrew.
- (b) Principles of Hebrew syntax, with relevant exercises.
- (c) Philological study of six chapters from the historical, six chapters from the prophetic and six chapters from the wisdom literature of the O.T. with exercises in textual criticism.

Paper 2: Background.

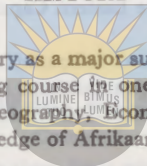
- (Students who have Biblical Studies II to their credit are exempted from Paper 2).
- (a) The nature of Hebrew language and thought.
 - (b) The history of the Jews from the destruction of the First Temple to the destruction of the Second Temple.

Course III**Paper 1: Language.**

- (a) Characteristics of the Hebrew language and an introduction to Semitic linguistics.
 (b) A study of Qumran documents.

Paper 2: Aramaic I or Ugaritic I or Coptic I or Accadian I or Modern Hebrew.

- (a) Introductory grammar and outline of the literature of one of the languages above.
 (b) Translation from seen and unseen texts into English or Afrikaans. (Candidates who wish to take but one of the ancillary languages listed above on a one year basis write only paper 2).

HISTORY**General Remarks:**

Students intending to take history as a major subject are strongly advised to

- (a) take at least one qualifying course in one of the following subjects: Political Science, Anthropology, Geography, Economy, Philosophy or Sociology, or
 (b) to acquire a reading knowledge of Afrikaans.

University of Port Hare**Course I***Together in Excellence***Paper 1.**

A survey of the history of the Western civilisation from its beginning up to and including the Reformation.

Paper 2.

The voyages of discovery (with reference to Arabian and European reports of the nations of Africa) and the History of South Africa up to 1795.

Course II**Paper 1.**

European History, 1556—1815.

Paper 2.

History of South Africa, 1795—1881, including

- (a) the British Colonial Policy in this era and
 (b) the settlement of the Zulu, the South-Sotho and the Nguni of the Eastern Cape.

Course III**Paper 1.**

European History after 1815.

Paper 2.

(a) The New Imperialism after 1870 and the rise of anti-colonialism, with special reference to the history of Africa (including South Africa).

(b) Introduction to the Philosophy and Methodology of History and Historiography.

Paper 3.

Aspects from the history of South Africa after 1881.

Honours

General Remarks :

Reading knowledge of both official languages is assumed and it is strongly recommended that reading knowledge of German and/or French be acquired.

The examination comprises the following five papers:

Paper 1.

Method, Technique and Theory of History.

Paper 2.

Historiography and Philosophy of History.

Paper 3.

A documentary study on one of the following:

- (a) The revolutionary era in Europe and America, 1760—1800, with special reference to topics from the American Revolution.
- (b) The era of discovery up to the establishment of the Cape Settlement with emphasis on the van Riebeeck era.
- (c) Aspects of the history of the Eastern Cape Frontier during the first half of the 19th century.
- (d) The aspiration for union and federation in South Africa, 1854—1910, with documentary study on the establishment of Union in 1910.
- (e) European interests in the South-Eastern coast of Africa, 1600—1800.

Paper 4.

Two of the following:

- (a) Population migration of the southern Bantu.
- (b) The history of the southern Nguni or the northern Nguni or the South-Sotho.
- (c) The history of the Monomotapa-Zimbabwe complex.
- (d) The historical relationship and contact between the Bantu and Khoisan.
- (e) Aspects of the history of the Transkei and/or the Ciskei.

Paper 5.

One of the following:

- (a) The U.S.A. during the 19th and 20th centuries.
- (b) Communist Russia and China in modern times.
- (c) The rise of modern Japan.
- (d) International relations, 1890—1945.

M.A.

An M.A. student is expected to complete a dissertation on a subject which, in consultation with the Head of the Department, met with the Senate's approval.

General Remarks :

1. Any student intending to proceed with M.A. after completing the B.A. Hons. course has to pass an oral examination on the period to be covered in his dissertation and on bibliography and historical apparatus.

2. If a student intends to proceed with M.A. a considerable length of time after completing the Hons. course, he has in addition to above mentioned qualifications to meet

with his promoter's approval concerning his knowledge of historical method and technique and South African historiography.

3. A student intending to proceed with M.A. is expected to do full-time research work for at least one year.

D.Phil

A thesis is required as well as an oral examination on the period to be covered by the thesis.

General Remarks :

- (i) The D.Phil thesis has to be an original contribution to the knowledge of History. It should furnish evidence of insight, critical faculty and synthetical approach.
- (ii) After final submission of the thesis the candidate is required to account orally for the thesis before his examiners.



(Two three hour papers)

Paper 1 : Catalography

(a) Classification: Theory of classification, the Dewey system, practical work.

(b) Cataloguing: Theory of cataloguing, the Anglo-American Code, practical work.

Paper 2 : Library organization

(a) Internal: Departmentalisation, charging systems, Library standards.

(b) External: National library, provincial library services, special libraries, school libraries. Library legislation and Departmental instructions. Library associations.

Course II

(Two three hour papers)

Paper 1 :

(a) Bibliography

(b) Documentation

(c) Reference work: Sources and methods of reference work. The most important reference works.

Paper 2 :

(a) Book stock

(b) Book selection

(c) Reader's guidance

Course III

(Three three hour papers)

Paper 1 :

History of writing, of the book, and of the development of printing.

Paper 2 :

Advanced catalography

(a) Classification: Bibliographic classification.

Classification systems—Universal Decimal classification, Library of Congress, Colon classification.

Practical work.

(b) Cataloguing: Series and periodicals. The dictionary catalogue. Subject headings (Sears).

Practical work.

Paper 3 :

Similarities and differences between libraries and museums and archives. Organization, function, material, use.

Course IV

(Three three hour papers)

Paper 1 :

Library history.

Paper 2 :

Information retrieval. Automation.

Paper 3 :

Library management:

(a) Selection and management of personnel.

(b) Organization.

(c) Committee work.



University of Fort Hare
Together in Excellence

Honours

In consultation with the head of the department candidates shall choose subjects from each of the following papers:

Paper 1. Philosophy and historiography of Library Science, and Historical Librarianship.

Paper 2. Library management.

Paper 3. Catalography.

Paper 4. Documentation.

Paper 5. Reader's guidance.

PHILOSOPHY

Course I

(One paper)

A. Introduction to:

1. The nature of philosophy.

2. The branches of philosophy.

3. The major philosophical problems.

4. Applied philosophy.

B. Greek philosophy (with special reference to Plato and Aristotle).

Course II
(Two papers)

Paper 1.

- A. Medieval philosophy (with special reference to Augustine and Aquinas).
- B. Modern philosophy up to Hume (e.g., Descartes, Leibniz, Locke, Honme).
- C. Kant (with special reference to the *Kritik der reinen Vernunft*).

Paper 2.

- A. Methodology:
 1. Traditional logic: The categorical syllogism.
 2. Symbolic logic: Propositional and predicate logic.
 3. Methods of science: Induction, probability, hypothesis, theory, law.
- B. Epistemology: Origin and extent of knowledge with special reference to the theory of sense-data and to phenomenology.

Course III

(Three papers)

Paper 1.

- A. 19th century philosophy (e.g., Hegel, Comte, Nietzsche).
- B. 20th century philosophy (e.g., Husserl, Wittgenstein, Sartre).
- C. Introduction to:
 1. Eastern philosophy.
 2. African philosophy.
 3. Contributions of South African philosophers.



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Paper 2.

- A. Philosophy of history (e.g., Dilthey, Toynbee, Collingwood).
- B. Philosophy of science (e.g., Eddington, Planck, Heisenberg).
- C. Philosophy of religion (e.g., Barth, Bultmann, Tillich).

Paper 3.

- A. Metaphysics: A critical discussion of traditional speculative metaphysics as contrasted with contemporary immanent or descriptive metaphysics.
- B. Axiology:
 1. Ethics: The major approaches, problems and concepts.
 2. Aesthetics: The major approaches, problems and concepts.
- C. Political philosophy: The major approaches, problems and concepts.

Honours
(Four papers)

Paper 1.

Detailed study of a contemporary philosopher or group of contemporary philosophers.

Paper 2.

Detailed study of a philosophical problem.

Paper 3.

Detailed study of a period in the history of philosophy.

Paper 4.

A critical analysis of a recognized philosophical work.

M.A.

A dissertation on an approved philosophical subject, which must give evidences of independent critical judgment.

POLITICAL SCIENCE AND PUBLIC ADMINISTRATION

POLITICAL SCIENCE

Course I

(Two papers)

Paper 1.

First capita selecta from the basic principles, trends, periods and theorists in the field of Political Science.

1. General introduction to the study of Political Science.
2. First selection of basic concepts in Political Science.
3. First selections of specific periods and trends in Political Science with particular reference to the relevant theorists.

Paper 2.

Political Institutions and Practices

1. First selection of specific state institutions and political ideas including the relevant theorists.
2. A comprehensive analysis and evaluation of modern Western state institutions and practices with particular reference to contemporary South Africa (and examples from the South African Boer Republics and former British colonies where applicable).

University of Fort Hare

Course II

Together in Excellence
(Two papers)

Paper 1.

Second capita selecta from the basic principles, trends, periods and theorists in the field of Political Science.

1. Second selection of basic concepts of Political Science.
2. Second selection of specific periods and trends in Political Science with particular reference to the relevant theorists.
3. Aspects of principles in the study of Political Science.

Paper 2.

Third capita selecta from the basic principles, trends, periods and theorists in the field of Political Science.

1. Second selection of specific state institutions and political ideas including the relevant theorists.
2. Modern totalitarian political views and practices.
Ideological basis and general characteristics of German National Socialism; Italian Fascism; Salazarism; Communism.
3. Western democracy and its philosophical bases.

Course III

(Three papers)

Paper 1.

First capita selecta from International Relations, Phenomena and Institutions:

1. The state in the international society.
2. The states system and the Family of Nations.

3. The origin and development of international law.
4. Nationalism, internationalism and imperialism.
5. Colonialism.
6. The existence and problems of national minorities.

Paper 2.

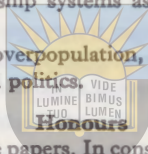
Second capita selecta from International Relations, Phenomena and Institutions.

1. Facilities for international co-operation: the origin of international institutions.
2. Power and power politics.
3. Diplomacy: a means in the service of national policy.
4. A comparative study of the composition, objectives and actions of the League of Nations and the United Nations.

Paper 3.

Third capita selecta from International Relations, phenomena and institutions:

1. War and peace.
2. The mandates and trusteeship systems as forms of international control over dependant territories.
3. International problems of overpopulation, food shortages and raw materials.
4. The role of Africa in world politics.



The examination consists of five papers. In consultation with the Head of the Department a candidate will select papers from the following:—

1. A special period or aspect of political theory (philosophy).
2. A comparative study of any THREE constitutions.
3. Political Parties.
4. A comparative study of modern approaches in political science OR international relations.
5. An advanced study of the composition and functioning of supra-national organizations (U.N.O., O.A.U., N.A.T.O., etc.).
6. An advanced study of Behaviouralistic theories in Political Science.
7. Theories in International Relations, to be prescribed from time to time.
8. The development of political thought in Africa, Asia, Latin-America or the Middle-East.

The five papers can be written together or can be separated into two parts.

Master's Examination

The examination consists of a dissertation which must be on a subject of Political Science, or an allied subject, showing evidence of original research. Such subject to be approved by Senate at least six months before the submission of the dissertation.

PUBLIC ADMINISTRATION
Course I

Paper 1.

General introduction to the study of Public Administration

Paper 2.

Descriptive and historical aspects of the institutional framework (machinery of government) of Public Administration.

Course II

Paper 1.

The Public Service with special reference to the Republic of South Africa.

- (1) Determination of policy in the public sector.
- (2) Organization.
- (3) Administrative procedure.

Paper 2.

- (1) Public financial administration (central, regional and local).
- (2) Personnel administration in the Public Service with special reference to the Republic of South Africa (central, regional and local).
- (3) Analyses of the functions and administrative institution of a municipality.
- (4) Analyses of the governmental institutions in the Transkei.

Course III

Paper I.

- (1) State commercial undertakings.
- (2) Control over regional and municipal authorities.
- (3) A comparative study of municipal systems of two or more countries.

Paper 2

- (1) Parliamentary control over executive institutions.
- (2) The organised contact of group interests with the administration hierarchy through councils and commissions.

Paper 3

- (1) Public administration in new states.
- (2) International public administration.
- (3) New developments in the field of public administration.

Honours

The whole examination consists of four question papers namely two papers in Part 1 and two papers in Paper 2 plus an approved article for Part 3. Parts 1 and 2 can be written together or separately. In consultation with the Head of the Department a candidate will select papers from the following:

Part I: Papers 1 and 2 are respectively (a) below; plus any one paper from (b) to (e).

(a) Advanced theories and value foundations of Public Administration: *capita selecta* from approaches, writers and schools.

(b) The theory and administrative practice of governmental planning.

(c) Advanced financial administration in the public sector (only if the candidate has passed Economics III.)

(d) Advanced international public administration (only if the candidate has passed Political Science III).

(e) Special problems of decision-making within the ecology of public administration

Part II: Papers 4 and 5 are respectively (f) plus any one of papers (g) to (i).

(f) Advanced study of special contemporary problems of central and local government—*capita selecta*.

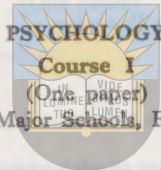
(g) An advanced comparative study of local government.

(h) An advanced study of modern inter-governmental relations with special reference to South Africa.

(i) An Honours paper in a related subject in which the candidate has passed the third course for the bachelor's degree, with the approval of the Heads of the Departments concerned.

Part III: An article of 20-30 typed folio pages (10,000-15,000 words) on the subject from the field of Public Administration, approved by the Head of the Department. The article must show proof of the candidate's ability to work independently and will count for one-fifth of the candidate's total examination mark. The external examiner will, as in the case of other papers, have to approve it.

The Head of the Department will finalize the date on which the article must be handed in.



1. Introduction: History, Major Schools, Fields of Application.

2. Learning.

3. Emotion.

4. Intelligence.

5. Thinking.

6. Drives and Motivation.

7. Foundations of Social Psychology.

8. Personality.

9. Introduction to Methods of Research and Assessment in Psychology.

10. Psychophysiology.

11. Perception and attention.

12. Introductory Psychopathology.

13. Introduction to Developmental Psychology.

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N.B. Students who intend to major in Psychology will be required to complete an accredited one year course in Statistics. (This regulation will not apply to students completing Third Year Psychology in 1976).

Course II

Paper 1

Section A.

1. Developmental study of childhood and adolescence.

Section B.

1. Psychopathology of childhood and adolescence.

Paper 2.

1. Groups and group processes—emphasis on the family, and including aspects such as role, leadership, etc.

2. Social processes, including prejudice, attitudes, etc.

3. Differential psychology.

Course III

Paper 1.

1. Developmental study of adulthood and old age.
2. Psychopathology of adulthood and old age.
3. Intercultural approaches to psychopathology, with special reference to African societies.
4. An introduction to psychodiagnosis and psychotherapy.

Paper 2. Personality

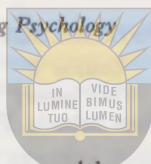
1. The nature of personality.
2. The determinants of personality.
3. The assessment of personality.
4. Examination in depth of one of the current theories of personality.

Paper 3.

Section A.

Counselling Psychology (60%)

1. Vocational guidance
2. Educational guidance
3. Rehabilitation
4. Marriage counselling
5. Child guidance—from infancy to adolescence.



Section B

University of Fort Hare

1. Introduction to personnel psychology (Dept. of Industrial Psychology) (40%).

Honours

N.B. Candidates *must* report on the same day as academic staff report for duty at the beginning of the year. Candidates must complete 10 semester courses.

All curricula for the honours course have to be approved by the Head of the Department at the beginning of the year.

Some courses have prerequisites as indicated.

- ±1. Psychotherapeutic techniques
- ±2. Psychodiagnosis
- ±3. Psychopathology of mild severity
- ±4. Psychopathology of moderate and marked severity
- *5. Advanced research methods
6. Personality psychology
7. Groups and group methods
- x8. Counselling I (advanced)
- x9. Counselling II (specialised)
10. Developmental Psychology
11. Directed study (choice of topic to be arranged with the Head of the Department)

* Compulsory for *all* students

± Must always be taken together. Must also be taken by all students who eventually wish to qualify in Clinical Psychology.

±&x Must be taken by all students who wish to qualify in Counselling Psychology.

12. Environmental Psychology
13. Depth Psychology
14. Industrial Psychology (two semester courses in the Department of Industrial Psychology)

Master's Examination

The examination consists of a treatise on a subject from one of the fields of Psychology, approved by the Head of the Department.

Provision is made for specialization in either Clinical or Counselling Psychology.

DEPARTMENT OF SOCIAL WORK

SOCIAL WORK

Course I

(One paper)

Section A.

General introduction to social welfare.

Section B.

Survey of the history of social work and social welfare activities in South Africa.

Course II

(Two papers)

Paper 1.

The social casework method.

Paper 2.

1. The social group work method.
2. Social Work in specialized fields.

Course III

(Three papers)

Paper 1.

- (a) Social casework with special reference to the psychosocial approach.
- (b) Family Social Work, child welfare and youth care; an intensive study of the Children's Act (Act 33 of 1960 as amended)
- (c) Social Work in regard to special problems.

Paper 2.

- (a) Social Work with communities.
- (b) Social policy development.

Paper 3.

- (a) Social Work administration.
- (b) Social Work philosophy and the profession.

Honours

The examination comprises:—

Paper 1. Social Group Work.

- Paper 2.* Community Work and Social Policy.
Paper 3. Social Work Administration.
Paper 4. Social Casework.
Paper 5. Social Work Research and Supervision.
Paper 6. Social Welfare and its specializations.

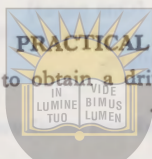
Diploma in Social Work.

The courses for the University Diploma are the same as those for the Degree.

Master's Examination

The examination consists of a treatise on an approved subject from the field of social work, and an oral examination on the general principles of the subject.

Students are strongly advised to obtain a drivers licence before completing their final year.



Course I

- (a) Students must pay at least 8 visits to various approved welfare organisations and/or institutions and submit detailed reports on such visits.
- (b) Students are required to attend at least one three hour practical instruction period each week during the academic year.

Course II

- (a) Students are required to register with an approved welfare agency.
- (b) Students are required to spend at least three hours per week on field instruction during the academic year.
- (c) One half of the academic year is spent on social casework field experience and the other half of the academic year is spent on social group work field experience.
- (d) The student shall do four continuous weeks of practical training under the supervision of a registered social worker during vacation time.

Course III

- (a) Students are required to register with an approved social welfare agency.
- (b) Students are required to spend at least three hours per week on field instruction during the academic year.
- (c) Students are required to engage in social development work in the surrounding communities for the major part of the academic year.
- (d) The student shall do four continuous weeks of practical training under the supervision of a registered social worker during vacation time.

Honours

The student shall do eight weeks continuous practical training in a registered welfare agency approved by the Head of the Department, and supervised by a registered social worker. A detailed report must be submitted to the Head of the Department after completion of the practical training.

DEPARTMENT OF SOCIOLOGY AND CRIMINOLOGY**SOCIOLOGY****Course I**

(Two papers)

Paper 1.

- (a) Science and society. Sociology: its field, its methods, its relation to other systems of thought. The early history of social thought and the emergence of sociology.
- (b) Society, culture, and personality.
- (c) Basic sociological concepts.

Paper 2.

- (a) Social structure and process.
- (b) Elements of the sociology of populations and environments.
- (c) Social problems and issues, social policy.

Course II

For B.A. students (General Syllabus)

(Two papers)

Paper 1.

The development of sociological thought in the nineteenth and early twentieth centuries. Analytic and systematic consideration of social systems. Interpretation of social, personality, and culture systems and their relations with environments. The elements and institutionalization of social action and conflict.

Paper 2.

Either (a). Historical, contemporary, and projected descriptions of world population. Demographic concepts and methods. Population dynamics. Demographic research and statistics.

Or (b). The concern of sociology with industrial life. Industrial sociology as discipline. The sociological structure of work organizations. Industry and the individual, the community, and society.

Course II

For B.A. students (Demography Syllabus)

(Two papers)

This course will be offered only in those years when the demand warrants and facilities permit.

Paper 1.

The syllabus set for Paper 2(a) for B.A. (General Syllabus).

Paper 2.

More advanced demography, with special reference to the demography of South Africa including particular study of the demography of the Ciskei and Transkei.

Practicals

Participation in Demographic Project (Xhosa).

Course II

For B.A. students (Industrial Sociology Syllabus)
(Two papers)

This course will be offered only in those years when the demand warrants and facilities permit.

Paper 1.

The syllabus set for Paper 2(b) for B.A. (General Syllabus).

Paper 2.

Principles of industrial sociology and organization sociology. Major sociological problems regarding the individual in the world of work. Sociological analysis of the relations of the polity, the community, pattern maintenance, and the economy. Sociological aspects of industrial development—industrialization, urbanization, labour relations, demographic implications.

Practicals

Participation in field research.

Course II

For B.A. (S.W.) students
(Two papers)

Paper 1.

The syllabus set for Course II, Paper 1 (for B.A. General Syllabus).

Paper 2.

The syllabus set for Course II, Paper 2(a) (for B.A. General Syllabus).

Course III

For all B.A. Curricula students
(Three papers)

A student may not take Paper 2(b) unless he has taken Paper 2(a) in Course II (General Syllabus) or Paper 1 in Course II (Demography Syllabus), and a student may not take Paper 3(b) unless he has taken Paper 2(b) in Course II (General Syllabus) or Paper 1 in Course II (Industrial Sociology Syllabus).

A student who has passed Course II for B.A. (General or Demography or Industrial Sociology Syllabus) may proceed to Course III for B.A. provided that he does not repeat for Course III any section of the Course II syllabuses with which he has already been credited.

Paper 1.

Principles of contemporary sociology, with special reference to twentieth century schools and systems of thought and current criticisms and developments.

Paper 2.

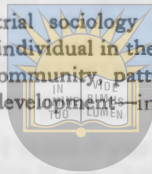
Either (a). Deviance, conformity, and societal change. The paradox of social order, typologies and paradigms of deviance, the causation of deviance, social reactions to deviance, modes of social change.

Or (b). More advanced demography, with special reference to the demography of South Africa including particular study of the demography of the Ciskei and Transkei.

Paper 3.

Either (a). Theories, techniques, and branches of micro- and macro-sociological research, with field and laboratory practicals. Elements of statistical and graphical method for sociology.

Or (b). Principles of industrial sociology and organization sociology. Major sociological problems regarding the individual in the world of work. Sociological analysis of the relations of the polity, the community, pattern maintenance, and the economy. Sociological aspects of industrial developments—industrialization, urbanization, labour relations, demographic implications.



University of Fort Hare
For B.A. (S.W.) students
(Three papers)
Together in Excellence

Paper 1.

The syllabus set for Course III, Paper 1 (for B.A. Curricula).

Paper 2.

The syllabus set for Course III, Paper 2(a) for B.A. Curricula).

Paper 3.

The syllabus set for Course III, Paper 3(a) (for B.A. Curricula).

Honours

The examination comprises three papers in Part I and two papers in Part II. Parts I and II may be written together or separately.

Part I: Paper 1.

Review of contemporary sociological thought.

Paper 2.

A specialized field of social research method selected in consultation with the Head of the Department.

Paper 3.

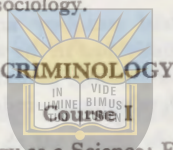
Examination of a research project completed by the student in the selected field of social research method.

Part II: Paper 4. and Paper 5. respectively. Two of the following selected in consultation with the Head of the Department:—

- (a) A selected period of sociological thought.
- (b) Education sociology.
- (c) Sociology of politics.
- (d) Sociology of religion.
- (e) Sociology of crime.
- (f) Demography.
- (g) Industrial sociology.
- (h) Social Psychology.
- (i) Race relations.
- (j) Rural-urban sociology.
- (k) Group dynamics.

Master's Examination

The examination consists of a dissertation on a subject chosen by the candidate and approved at least six months before the dissertation is submitted; and an oral examination on the general principles of sociology.



1. Introduction to Criminology as a Science: Field, task and methods; the relation of Criminology to the auxiliary sciences, etc.
2. Analysis of the Crime Phenomenon: Concept, personal and situational aspects of the crime phenomenon. *Together in Excellence*
3. Introduction to Penology.
4. Juvenile delinquency: Definition, extent; the relation between child neglect and youth misconduct; the juvenile delinquent—physical and mental aspects of juvenile delinquents; home environment and juvenile delinquency; factors outside the home and juvenile delinquency; street corner society; analysis of the youth detention centre.
5. The relation between crime and certain social pathological phenomena.

Course II

Paper 1.

1. Introduction to the psychology of Crime.

The physical and mental characteristics of criminals; environmental and personality factors; the relation between mental deficiency and crime.

2. (a) Introduction to Forensic Psychology.
- (b) Sociology of crime.
3. Heredity and Crime.
4. Special course: Human Genetics (9 lectures p.a.) (Department of Genetics)

Paper 2.

1. Penology: The motives of punishment; Penal Theories; Methods of punishment and the development thereof; Modern penal methods.
2. The South African penal system and prison organisation.
3. The Administration of Justice: With reference to Criminal Law and Procedure.
4. Introduction to the History of Forensic Medicine, with reference to Forensic Medicine for the Administration of Justice and penal treatment.

LANGUAGE LABORATORY

Attendance at Language Laboratory sessions is compulsory for all English I and Afrikaans I students for oral/aural work, i.e., one period per week.

Courses for Afrikaans beginners are also available. Students wishing to use the Language Laboratory for private study in modern languages may do so in their own time.

DIPLOMA IN APPLIED LINGUISTICS

The syllabus for the course would be:

- (i) The nature of language
- (ii) The nature of language learning
- (iii) Areas of mother-tongue interference
- (iv) Language teaching methodologies
- (v) Grammatical theories
- (vi) The role of technology in language teaching
- (vii) The history of language teaching
- (viii) Language Testing
- (ix) Evaluation of language teaching materials.



In addition to the subjects listed in this prospectus certain other subjects are offered by other faculties which may be taken in the Faculty of Arts as majors, or as ancillary subjects. These subjects are amongst those listed in Paragraph A.3 of the rules of the Faculty of Arts. Students are advised to consult the prospectuses of the faculties involved with a view to the content of these subjects.

Faculty of Science

FIELD EXCURSIONS

Certain subjects prescribe field excursions of varying duration as part of the practical work. Attendance at any excursions prescribed for the year will be compulsory. Heads of Departments prescribing excursions during the academic semesters must, however, obtain the permission of the Dean as well as of Heads of Departments of all students involved.

RULES

The following faculty rules are to be read in conjunction with the provisions of the Act, Statute, regulations and general rules.

Degrees and Diploma in the Faculty of Science

Sc.1. The following five degrees are granted in the Faculty of Science:—

Bachelor of Science.....	B.Sc.
Bachelor of Science (Land Surveying).....	B.Sc. (Land Surveying)
Bachelor of Science (Honours).....	B.Sc.Hons.
Master of Science.....	M.Sc.
Doctor of Science.....	D.Sc.

The Following post-graduate diploma is granted in the Faculty of Science:—

Diploma in Applied Chemistry.....	D.A.C.
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Degrees in the Faculty of Science

Duration and Curriculum

Sc.2. The curriculum shall extend over a minimum of three years and shall be composed of courses in the following subjects:—

GROUP I

Applied Mathematics	Mathematical Statistics
Biochemistry	Mathematics
Biology I or IM	Physics
Botany	Psychology
Chemistry	Statistics
Applied Computer Science	Surveying I.
Geography	Zoology
Geology	

GROUP II

Accounting I	Philosophy I
Afrikaans-Nederlands	Xhosa or another Bantu language
English	

Composition of Curriculum

Sc.3. The curriculum shall consist of at least nine qualifying courses divided as follows:

First year	Not more than five
Second year	Not more than four
Third year	Not more than three

Provided that —

- (1) for the purpose of the above maxima Mathematics IA and Mathematics IB shall be regarded as full courses, except when taken together;
- (2) a student who fails in one or more courses of the first or second year may repeat one such course in a subsequent year and obtain credit for it over and above the stipulated maximum;
- (3) a student may take not more than two courses for non-degree purposes over and above the minimum of nine courses prescribed for the degree;
- (4) a student shall not obtain credit for more than eleven courses for degree purposes.
- (5) the curriculum must consist of at least four first year courses.

Repetition of Courses

Sc.4. A course which may be repeated, shall be:

- (a) A course in which the candidate has failed previously for a degree of the University or for a degree of another university;
- (b) a course which a student passed previously but for which he obtained no credit for degree purposes.

Determination of Year of Study

Sc.5.

- (1) Each course in which a student passes will be recognised, but a student will not be allowed to proceed with second-year courses until he has passed at least three first-year courses.
- (2) A candidate shall be deemed to be in his first year of study until he has obtained credit in three courses; he shall be deemed to be in his final year of study when he is engaged on the final courses of his major subjects or when he has obtained credits in the final courses of his major subjects, but has still to obtain credits in other courses to complete the requirements for the degree; otherwise he shall be deemed to be in his second year of study.

Restrictions on the Selection of Courses

Sc.6.

- (1) (a) Applied Mathematics course I is discontinued. A student may offer Applied Mathematics II only after Mathematics I and Physics I or IA, and Applied Mathematics III only after Mathematics II.
 (b) To be admitted to Chemistry II a student shall have passed in Mathematics IA or at least have been admitted to the examination in Mathematics I or Statistics I: Provided that no credit shall be allowed for Chemistry II until Mathematics I or Statistics I has been passed.
 (c) Physics IA does not normally lead to Physics II, but is recognised as a first year course for all other purposes.

A student who has passed Physics IA and obtained at least 70% in the examination may, on the recommendation of the Head of the Department of Physics, be granted permission by Senate to proceed with Physics II.

To be admitted to Physics II a student must have passed Mathematics I. To be admitted to Physics III, a student must have passed Mathematics II or Applied Mathematics II.

(d) A student shall offer Botany III only after Chemistry I has been passed.

(e) A student shall offer Zoology III only after Chemistry I has been passed, and will only receive credit for Zoology III if Statistics I or Mathematics I has been passed.

(f) Mathematical Statistics I is discontinued. A student may offer Mathematical Statistics II only after Mathematics I, and Mathematical Statistics III only after Mathematics II.

(g) Mathematics I consists of two half-courses, IA and IB. No credit towards a degree is given for IA, and to obtain credit for course I a student shall pass both IA and IB. Course IB may be taken only after IA. A student may enrol either for the full course I or only for IA: Provided that the Head of the Department shall determine whether a student may proceed with the full course or with course IA only: Provided further that a student who has failed the full course I may be compelled to offer only IA at a subsequent registration. For a candidate writing the full course the two papers shall be those for IA and IB, but the candidate passes or fails the examination as a whole.

(h) A student may take Statistics I only if Mathematics I is not included in the courses for the degree.

(i) A student takes Biochemistry I (S) only after Chemistry I and Biochemistry II (S) only after Chemistry II.

(j) Botany may not be taken in any combination with either Biochemistry IS or IIS.

(2) No student shall obtain credit for more than one course from Group II.

(3) No student shall obtain credit for Biology I and either Botany I or Zoology I.

(4) (a) A student shall not obtain credit for both Biology IM and Zoology I.

(b) Biology IM is acceptable for admission to Zoology II. A student who passes both Botany I and Biology IM shall obtain credit for Botany I and Zoology I if he continues his studies in the Faculty of Science.

(5) A student takes Applied Computer Science II (there being no Applied Computer Science I) only after obtaining credit for any one of the following courses:

Mathematics I

Statistics I

Accounting I

(6) A student takes Applied Computer Science III in either of two directions of study:

(i) Applied Computer Science IIIA which emphasises Information processing; or

(ii) Applied Computer Science IIIB which emphasises scientific computing.

(7) Students may not take Applied Computer Science IIIA or B until they have completed at least eight weeks of approved practical employment. A certificate to this effect, signed by the employer, must be submitted.

Major Subjects

Sc.7. Each curriculum shall contain at least two major subjects.

Sc.8. The final examination in a major subject shall not be taken before the third year of study.

Sc 9 (a) Major subjects shall be selected from the following:

Botany	Physics
Chemistry	Zoology
Geography	Psychology
Geology	Statistics
Mathematics	

(b) Major subjects with two courses: Applied Computer Science, Applied Mathematics, Biochemistry, Mathematical Statistics.

Sc 10. A student taking as a major subject any subject listed below, shall take the course listed opposite it:

<i>Major subjects</i>	<i>Ancillary subjects</i>
Applied Computer Science III A	Accounting I Practical English
Applied Computer Science IIIB	Accounting I Practical English
Applied Mathematics	At least one course in Applied Mathematics
Botany	At least two courses in Mathematics
Biochemistry	At least one course in Chemistry
Chemistry	At least three courses in Chemistry or another subject approved by Senate
Geology	At least one course in each of Physics and Mathematics or Statistics
Mathematical Statistics	At least one course in Chemistry
Physics	At least two courses in Mathematics
Zoology	At least one second year course in Mathematics, Pure or Applied
	At least one course in each of Chemistry and Mathematics or Statistics

Sc.11. A student shall pass in the ancillary subjects listed in Sc.10 above before or together with the examination in the major subject: Provided that if he passes simultaneously in both major subjects, or one major subject in terms of G.21, at the final examination but fails one or more of the compulsory ancillary subjects, he need not re-write the examination in the major subject(s), but shall obtain credit towards the degree for the major subject(s) when he passes in the ancillary subject or subjects.

Year Mark

Sc.12. In all subjects the percentage awarded to the year mark will be 50.

Supplimentary Examinations

Sc.13. (1) A first year student will be admitted to a supplementary examination in any course in which he has obtained a year mark of at least 50% and at least 40% in the examination, provided that he has completed at least two other courses at the same examination.

(2) A second year student will be admitted to a supplementary examination in any course in which he obtained a year mark of at least 50% and an average of examination mark and year mark of at least 45%, provided that he has completed at least two other courses at the same examination.

- (3) A third year student will be admitted to a supplementary examination:
- (a) in the final course of a major subject where he obtained a year mark of at least 50% and an average of year mark and examination mark of at least 45%, provided he has completed the final course in his other major subject;
- (b) in one other course, provided it is the last remaining requirement for his degree.

Distinction

Sc.14. A student shall pass a major subject with distinction if he obtains 75% pass mark in the final examination.

The Degree of Bachelor of Science (Honours)

Sc.15. Every candidate for the degree of Bachelor of Science (Honours) shall have obtained the degree of Bachelor of Science of the University, or shall have been admitted to the status of that degree in the University. If his Bachelor's degree has been obtained (a) in the University without the subject concerned being one of his major subjects, (b) in some other university, he shall satisfy the Senate as to his qualifications in that subject, before being admitted to examination for the B.Sc. (Hons.) degree.

Sc.16. (1) The following are the subjects in which the degree may be obtained.

Applied Mathematics	Mathematics
Biochemistry	Physics
Botany	Psychology
Chemistry	Theoretical Physics
Geography	Zoology
Geology	
Mathematical Statistics	

- (2) A student shall not be admitted to the honours course in Physics unless he has completed either Mathematics or Applied Mathematics III.
- (3) A student shall not be admitted to the honours course in Theoretical Physics unless he has completed Physics III and Applied Mathematics III.

Sc.17. The honours course shall extend over not less than one year of full-time study but, a candidate may, with the approval of the head of the department concerned, attend and complete the course in two successive parts, each extending over one academic year.

Sc.18 (1) The B.Sc.Hons Examination shall be conducted by means of examination papers and/or practicals, with, in addition, such oral test or translation test as may be prescribed in an individual department, all to be normally held in the period November—December in each year.

(2) Candidates for the B.Sc.Hons. examinations in Physics, Chemistry, Biochemistry and Botany shall submit notebooks, containing a record of the practical work they have performed at the practical examination. The record shall be signed by the person under whom they have worked.

Distinction

Sc.19 A student shall pass with distinction if he obtains an average of 70% in all his papers.

The Degree of Master of Science

Sc.20. The departments in which the degree may be conferred are the same as those listed in regulation Sc.16.

Sc.21. Every candidate for the degree of Master of Science shall have obtained the degree of Bachelor of Science (Honours) of the University in the department in question or shall have been admitted to the status of the degree of Bachelor of Science (Honours) in the University and have satisfied the Senate as to his qualifications in the subject concerned before being admitted to examination for a Master's degree.

Sc.22. The examination for the degree shall consist of examination papers or a dissertation; or a combination of examination papers and a dissertation, as may be prescribed in an individual department.

Sc.23. Every dissertation shall be accompanied by a declaration as to the extent to which the dissertation represents the student's own work both in execution and conception.

Sc.24. The dissertation shall not be presented before the candidate has passed the examination for the B.Sc.(Hons.) degree, nor within a period of less than two years after the Bachelor's degree has been completed.

Post Graduate Diploma in Applied Chemistry

Sc.25. A candidate for the Diploma in Applied Chemistry shall have obtained the degree of Bachelor of Science of the University or of another university recognised by the Senate for the purpose, with Chemistry as one of his major subjects. If his Bachelor's degree has been obtained at another University, he shall satisfy Senate as to his qualifications in Chemistry before being admitted to examination for the Diploma.

Sc.26. The curriculum shall extend over one academic year of full-time study.

Sc.27. The examination shall comprise three written papers and the submission of a record of practical work in the form and manner prescribed by the Head of the Department of Chemistry.

Sc.28. A student shall pass with distinction if he obtains an average of 70% in the examination.

The Degree of Doctor of Science

See General Regulations G42—G56.

For further information consult the Dean of the Faculty of Science.

Curriculum for the Degree of B.Sc. (Land Surveying)

The courses shall be as follows:

First Year :

Mathematics I

Physics I or IA

Geography I

Surveying I

Geometrical Drawing

Second Year :

- Mathematics II
- Applied Mathematics II
- Electromagnetic Measurement
- Spherical Trigonometry
- Surveying II
- Survey Computations I

Third Year :

- Surveying III
- Survey Computations II
- Field Astronomy
- Photogrammetry
- Cartography

Fourth Year :

- Surveying IV
- Geodesy
- Professional Practice
- Prescribed Practical Project
- Town and Regional Planning.



Completion of Curriculum University of Fort Hare

1. To be admitted to the second year of study, a candidate shall have completed at least Mathematics I, Physics I or IA and Surveying I.
2. To be admitted to the third year of study, a candidate shall have completed all the courses of the first year, as well as at least Mathematics II, Spherical Trigonometry, Surveying II and Survey Computations I.
3. To be admitted to the fourth year of study, a candidate shall have completed all the courses of the first and second year and at least three courses, including Surveying III, and Survey Computations II of the third year.
4. Before the degree is conferred, candidates should show proof of at least 26 weeks practical field work under the supervision of an approved registered Land Surveyor or an approved competent employer.

COURSES RECOGNISED BY THE SOUTH AFRICAN MEDICAL AND DENTAL COUNCIL

The S.A. Medical and Dental Council has approved the following first year courses towards the requirements of the regulations for the registration of medical and dental students:

- Chemistry
- Physics
- Biology.

SYLLABI

APPLIED COMPUTER SCIENCE

Course II

This course is designed to introduce the concepts of information processing and to familiarise the student with the main application areas of computers. Special emphasis is placed on the use of computers in industry and administration.

Computer Architecture

Historical survey; basic logical circuits; the stored program; input-output; primary and secondary storage; operating systems and time-sharing; tele-communications.

Applications

Information flow and the maintenance of information files in a business; Computer data-processing; Introduction to the principal mathematical techniques used in business (optimisation; network-analysis; forecasting; simulation); Data-processing organisation; Introduction to Scientific and engineering computing (algorithms, principles of numeric calculus and the solution of systems of linear and non-linear equations).

Programming Methods

Basic principles and machine-level coding for a simple computer; flow-charting; Introductory COBOL and FORTRAN.

Systems Analysis and Design

Originating, storing, sorting, updating, controlling, and summarising information; system flow-charting; case study.

Information Structures

Number systems and coding; file structures and information retrieval.

Course IIIA

- | | |
|------------------------------------|--|
| <i>Computer organisation</i> | : Data structures, lists, arrays, trees;
Searching and sorting;
Hardware techniques;
Compilers and interpreters. |
| <i>Systems analysis and design</i> | : Investigation and analysis;
Design and recording techniques. |
| <i>Operating systems</i> | : Operating system design and the virtual machine;
Systems architecture;
Multi-programming;
Data management;
Job control languages;
Systems software. |
| <i>Systems analysis and design</i> | : Case studies (Two Commercial systems);
On-line and Real-time systems;
System integrity. |
| <i>Programming</i> | : Advanced COBOL facilities;
Structured programming. |

Course IIIB

- Computer organisation* : Data structures, lists, arrays, trees;
Searching and sorting;
Hardware techniques;
Compilers and interpreters.
- Systems analysis and design* : Investigation and analysis;
Design and recording techniques.
- Operating systems* : Operating system design and the virtual machine;
Systems architecture;
Multi-programming;
Data management;
Job control languages;
Systems software
- Introduction to O/R techniques*: Mathematical programming;
Network analysis;
Simulation;
Inventory models.
- Programming* : Advanced FORTRAN techniques;
Algorithms for numerical processes;
Programming efficiency;
Programming packages.

University of Fort Hare
Together in Excellence

APPLIED MATHEMATICS**Course II**

(Two papers)

1. Analytical Methods :

Review of fundamental concepts: Series, differentiation and integration formulas, linear equations and determinants, complex numbers.

First order differential equations: Applications to mechanics, electric circuits, deflection of beams, differential geometry.

Linear differential equations: Methods to solve linear D.E., applications to physics, chemistry and engineering.

Laplace transforms: Theory and applications.

Vector analysis: Vector algebra, formulas involving the del operator, Jacobians, curvilinear coordinates.

Multiple integrals and integral theorems: Line and surface integrals, Green's and Stokes' theorem.

Fourier series.

Fourier Integrals.

Gamma and Beta functions.

2. Numerical Methods :

Solution of non-linear equations.

Interpolating polynomials.

Numerical integration and differentiation.

Solving sets of equations.

3. *Probability and Stochastic Processes :*

Probability. The axioms of probability. Independence. Baye's theorem. Probability distributions for one and several variables. Discrete case and continuous case. Linear functions of random variables. Limit theorems.

Stochastic processes. Poisson process. Random walks. Queueing process. Markov chains.

Course III

(Two papers)

1. *Analytical Methods :*

Bessel functions: Bessel and related functions.

Legendre functions.

Sturm-Liouville systems: Formal study of orthogonal functions.

Partial differential equations:

Complex variables and conformal mapping.

Matrices: Review of basic concepts, orthogonality, eigen-values and eigenvectors, diagonalization.

Calculus of variations.

One optional of the following:

Group theory

Statistical mechanics.

Tensor analysis and relativity.



University of Fort Hare

*Together in Excellence*2. *Numerical Methods :*

Formulas by method of undetermined coefficients.

Numerical solution of ordinary differential equations.

Boundary value problems.

Numerical solution of partial differential equations (elliptic, parabolic and hyperbolic).

Curve fitting and approximation of functions.

Post-Graduate Courses

A good pass in Mathematics III is a compulsory prerequisite for admission to the honours study.

Discuss with the Head of Department.

MATHEMATICAL STATISTICS

N.B.—This Subject may be taken only by B.Sc. Students.

Course II

(Two papers) (Second year B.Sc.)

Set theory. Probability. Sample space and events. Conditional probability. Bayes' theorem.

Discrete and continuous random variables. Distribution and probability density functions. Moments and moment generating functions. Some standard distributions. Bernoulli, binomial, geometric, hypergeometric and Poisson random variables. Uniform, exponential and normal random variables.

Jointly distributed random variables. Moments and conditional distributions. Chebychev inequality and law of large numbers. Central limit theorem.

Sampling and statistics. Point and interval estimation. Properties of estimators. Method of moments and maximum likelihood. Bayesian methods. Game and decision theory.

Simple and composite hypotheses. Tests of hypotheses. Confidence intervals. Regression and correlation. The bivariate normal distribution.

Experimental design. Analysis of variance.

Course III

(Two papers) (Third year B.Sc.)

A short revision of distribution functions including the Gamma, Beta and Chi-square distributions. Transformation of variables. The F and t distributions. Extensions of the change of variable technique. Order statistics. Moment-generating function technique. Distributions of sample values.

Limiting theorems and distributions. Stochastic convergence. Point estimation and sufficient statistics. Rao-Blackwell theorem. Rao-Cramer inequality. Interval estimation. Decision functions. Statistical hypotheses. Uniformly most powerful tests. Sequential probability ratio test. Minimax and Bayesian tests.

Likelihood ratio tests. Chi-square tests. Noncentral Chi-square and F. Test of stochastic independence.

Nonparametric methods. Distribution-free tests based on the sample distribution functions. Limiting distributions. Power properties of distribution-free tests. Problem of equal observations. Multivariate analysis: multinomial and multivariate normal. Analysis of variance.

Honours Degree

Prerequisite : Normally 60% pass mark in Mathematics and Mathematical Statistics III

The examinations consist of five papers selected from the following in conjunction with the Head of the Department:

1. Stochastic Processes.
2. Multivariate Statistical Analysis.

3-5. Subjects from Mathematical Statistics, Mathematics, Applied Mathematics and Applied Computer Science.

Master's Degree

A dissertation and such additional work as required by the Head of the Department.

or

A dissertation and three papers chosen in conjunction with the Head of the Department

STATISTICS

Course I (One paper)

Mathematics : Number theory. Introduction to set theory. Functions. Characteristics of linear and quadratic functions. Trigonometric functions: radians, addition theorems inverse functions, identities, solution of equations.

Limits Differentiation of functions. Derivatives of higher order. Extreme values. Rolle's theorem and mean value theorem. Indeterminate forms. Integration of elementary functions. Definite integral: area and volume.

Statistics : Collection of statistical data, classification and tabulation. Graphical representation. Measures of location and dispersion.

Combinations and permutations. Probability. Mutually exclusive and—-independent events. Probability distributions. Binomial distribution: properties and applications. Poisson distribution, Normal distribution and applications.

Elementary sampling theory. Interval estimation. Test of hypothesis: z , t and Chi-square-tests, Paired observations, scatter diagram, correlation and regression. Least squares and fitting of linear regression line. Significance of coefficients.



Course II

(Two papers)

Mathematics : Series. Convergence and divergence. Taylor and Maclaurin expansion of functions. Approximate integration of functions.

Partial integration. Standard integrals. Determinants. Solution of simultaneous equations. Curve fitting.

Numerical mathematics: Finite differences and interpolation with equal intervals.

Statistics : Review of set theory and probability. Conditional probability. Bayes' theorem. Probability density functions and distribution functions. Multivariate distributions, marginal and conditional distributions. Expected values and moments. Moment-generating functions. Limiting distributions. Product-moments. Chebyshev's Inequality.

Distribution of the sum of variables. Moments of linear combinations of variables. Sampling theory for finite populations.

Central limit theorem and applications.

Course III

(Two papers)

Mathematics : Differential equations. Transformations: general, orthogonal, polar co-ordinates.

Gamma- and Beta functions.

Matrix theory.

Numerical mathematics: Interpolation with unequal intervals. Formulae of Newton, Lagrange, Gauss and Stirling.

Statistics : Sampling distributions. Order statistics. Game and decision theory.

Theory and applications of hypothesis testing: parametric and non-parametric methods. Bivariate and multivariate normal distribution. Normal correlation and regression theory. Analysis of variance: One-way, two-way and Latin square designs.

BOTANY

All students reading Botany are encouraged to become proficient in the use of language either by taking a formal course or through some study in the Language Laboratory

Course I

(One theory paper and one practical examination)

1. Approach to Botanical study
2. Plant morphology
3. Plant cytology
4. Developmental plant anatomy
5. Introduction to plant genetics
6. Elements of taxonomy and review of plant kingdom
7. Elements of plant physiology
8. Plants and the ecosystem.

Course II

(Two theory papers and one practical examination)

1. BC 101 General biochemistry of the plant
2. Morphology and evolution in the plant kingdom.

Course III

(Two theory papers and one practical examination)

1. Plant systematics
2. Plant ecology
3. MB 102 Introduction to Microbiology
4. Plant physiology.

Honours Course

(Prospective candidates should consult the Head of Department. The minimal entrance requirement is a 60 percent pass in Botany III.)

The examination mark consists of the sum of marks obtained from:

- (i) at least three theory papers
- (ii) at least one practical paper and/or a practical assignment done during the year
- (iii) an oral examination which may be required.

Selected aspects of Botany will be covered, and ancillary courses in other Departments may be prescribed.

BIOLOGY I

Biology I is an introduction to the science of life intended primarily for students registered in the Faculties of Agriculture or Education. It may also be taken as a single, first year course by students in other Faculties; but it is not considered as an entrance to Botany II or Zoology II.

The course deals with questions affecting the maintenance and perpetuation of life, with special reference to flowering plants and mammals. Mention is made of the problems concerned with energy, food, water balance, support, growth and reproduction, amongst others.

Some attention is given to genetics, evolution and taxonomy. The morphology and life cycles of selected plant and animal taxa are discussed. Ecological principles are introduced by reference to nature conservation and the economic importance of plants and animals.

CHEMISTRY

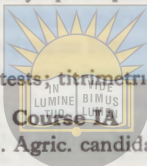
Course I

Theory:

- A. *Physical Chemistry*: Introductory study of physico-chemical topics.
- B. *Inorganic Chemistry*: The periodic table, and the chemistry of well-known elements in the main groups.
- C. *Organic Chemistry*: Chemistry of simple compounds; introduction to the study of aromatic compounds.
- D. *Analytical Chemistry*: Elementary principles of qualitative and quantitative analysis.

Practical:

Simple preparations; qualitative tests; titrimetric and gravimetric analysis.



(for B. Agric. candidates)

Theory:

- A. *Physical, Inorganic and Analytical Chemistry*: A study of fundamental principles of physical, inorganic and analytical chemistry with emphasis on those which are of special importance in agriculture.
- B. *Organic Chemistry*: Introductory study of aliphatic, aromatic and heterocyclic compounds; fats, carbohydrates, and nitrogen-containing compounds.

Practical:

Elementary qualitative and quantitative analysis; simple preparations and physico-chemical determinations.

Course II

Paper 1: *Analytical and Inorganic Chemistry*:

- A. *Analytical Chemistry*: Theory and applications of titrimetry; errors in quantitative analysis.
- B. *Inorganic Chemistry*: Introduction to the study of chemical structures; periodic arrangement of the elements; the chemistry of the typical elements.

Paper 2:

Physical Chemistry: Thermodynamics; kinetic theory of gases; elementary quantum mechanics.

Paper 3: *Organic Chemistry*:

Study of aliphatic compounds and monocyclic aromatic compounds; reaction mechanisms.

Practical:

A laboratory study of representative elements and some of their compounds; more advanced titrimetric determinations; physico-chemical experiments; the preparation and reactions of selected aliphatic and aromatic compounds.

Course III

Theory:

Paper 1: Analytical and Inorganic Chemistry:

- A. *Analytical Chemistry:* Gravimetric and instrumental methods of analysis.
 B. *Inorganic Chemistry:* Atomic structure; nuclear chemistry; complex compounds; transition and inner transition elements.

Paper 2: Physical Chemistry:

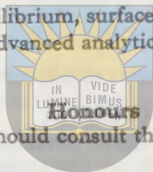
Reaction kinetics; thermodynamics of non-ideal systems; electrochemistry; the solid state; surface chemistry.

Paper 3: Organic Chemistry:

Aromatic, heterocyclic and alicyclic compounds; physical techniques for the determination of the structure of organic compounds.

Practical:

A laboratory study of the transition elements and some of their compounds; physico-chemical experiments in phase equilibrium, surface chemistry, reaction kinetics, electrical measurements, thermodynamics; advanced analytical and preparative methods of organic chemistry.



(Prospective candidates should consult the Head of the Department)

Theory:

Paper 1: Analytical Chemistry:

The theory of and applications of separation methods and instrumental methods of analysis; the statistical treatment of analytical results.

Paper 2: Inorganic Chemistry:

New developments in advanced inorganic chemistry; preparation, properties and structures of selected elements and compounds.

Paper 3: Physical Chemistry:

Quantum mechanics; molecular spectroscopy; statistical mechanics; theory of absolute reaction velocities.

Paper 4: Organic Chemistry.

Reaction mechanism; carbocyclic and heterocyclic compounds; aromaticity; natural products; synthetic resins.

Practical.

Analysis of less well-known elements and complex material; physico-chemical experiments in topics such as electrical and magnetic properties, spectroscopy, calorimetry, reaction kinetics, surface phenomena; determination of functional groups in organic compounds; separation and identification of the components of mixture of organic compounds; preparation of selected organic compounds, advanced physical techniques in structure determination of organic compounds.

Diploma in Applied Chemistry

This being a post-graduate diploma, it is assumed that the basics of organic, inorganic, physical and some aspects of analytical Chemistry have been dealt with on the undergraduate level. The course is covered in one academic year with lectures commencing on the 1st February.

*Theory**Paper 1: Analytical Chemistry*

Chromatography, spectrophotometry, potentiometry, radio chemical and other ordinary methods of chemical analysis.

Paper 2: Instrumentation

Instruments in the plant and laboratory, Basic electronics. Analytical Instruments. Corrosion, water conditioning, waste water, pollution.

Paper 3: Chemical Industry.

Chemical technology concerning a wide variety of industrial materials. Plant design, unit operations, quality control and some aspects of industrial psychology.

Practical:

Applying the methods of analysis discussed in the theory to industrial materials, e.g., metals and alloys, waste waters, effluents, pharmaceuticals, paints, vegetable and animal matter, food stuffs, etc. Basic electronics, the building of elementary instruments.

BIOCHEMISTRY Course I(S)

Introductory study of the biochemically important chemical compounds and concepts under the headings of occurrence, chemical properties, functions in living organisms and quantitative methods of determination, viz. of carbohydrates, lipids, amino acids, proteins, nitrogen bases, nucleic acids, vitamins, minerals, co-factors and enzymes.

A study of the theoretical approach to the composition and formation of buffer-systems.

General introductory study of the morphological and chemical components of the cell, including chemical and physical characteristics of cell components and elementary intermediate metabolic systems viz. glycolysis, citric acid cycle, Knoop C-2 oxidation of fatty acids, hexose monophosphate shunt, oxidative phosphorylation and photosynthesis.

(Six lectures plus one practical class per week for one year.)

Course II(S)

An advanced study of intermediate metabolism of carbohydrates, lipids, proteins; peptides, amino acids, nucleic acids and minerals in animals and plants.

Introductory study of enzymes, including principles of catalysis, international rules, thermodynamic and kinetic principles, and principles of isolation methods.

A study of the biochemistry of hormones with specific reference to structure, function, mechanism of action and the integrated pattern of inter-action.

The elementary principles of protein biosynthesis and the biochemistry of specialised tissues including the digestive tract, blood and lymph cerebro-spinal fluid, urine muscle tissue, bone tissue, nerve tissue senses, taste, skin, hair and vocal chords.

(Five lectures plus two practicals per week for one year)

Honours

Biochemistry 10:

A study of standard laboratory apparatus as well as research methods e.g. chromatography electrophoreses, spectroscopy, distillation, ultra- and centrifugation, counter-current distribution, polarimetry, gaschromatography, manometry, electronmicroscopy, ultrasonic vibration and isotope techniques.

(one lecture plus Three practicals (two semesters).

Biochemistry 11:

Special aspects of the biochemistry of plants and micro-organisms including cell-wall structure, mineral metabolism, alkaloids and plant hormones.

(1 lecture for one semester)

Biochemistry 12:

A study of the advanced principles of nutrition, including energy metabolism, vitamin and trace element nutrition, nutrition and metabolic disorders.

(2 lectures plus 1 practical (one semester).

Biochemistry 13:

A study of the mechanism of metabolic control in living organisms.

(1 lecture (one semester).

Biochemistry 14:

The biochemistry of drugs, antibiotics and toxic substances.

(1 lecture (one semester).

Biochemistry 15:

Physico-chemical properties of amino acids peptides and proteins, including isolation and purification, structure elucidation and peptide synthesis.

(2 lectures plus 1 practical (one semester).

Biochemistry 16:

Physico-chemical properties, chemical synthesis, biosynthesis and identification of carbohydrates.

(1 lecture plus 1 practical (one semester).

Biochemistry 17:

Physico-chemical properties of nucleic acids including protein biosynthesis, the genetic code, structure elucidation and polynucleotide synthesis.

(1 lecture plus 1 practical (one semester).

Biochemistry 18:

A study of membranes, subcellular particles and the methods of fractionation as well as recombination.

(1 lecture plus 1 practical (one semester).

Biochemistry 19:

Seminars on the recent developments in biochemistry.

(The equivalent of 1 lecture for two semesters.)

GEOGRAPHY

In computing the year-mark, an assessment of each candidate's record of laboratory and field-work (to a maximum of 50% of the year-mark) will be taken into account; the rest will be computed from assignments, tutorials, seminars and test marks.

The department has the most modern optical and cartographic equipment which are at the disposal of students to aid them in their practical and academic work.

Course I

Revision lectures on the form of the earth, its planetary relations and its representation on globes and maps. Introductory lectures on some basic concepts in Geography. The elements of physical geography and the elements of cultural geography. The practical work includes inter alia, techniques of drawing and measuring; of enlargement and reduction; of representing statistical data diagrammatically. Introduction of vertical air photos and recognizing geographic phenomena; simple map reading and interpretation exercises. Weather observations at the Department's meteorological station.

Course II

Three theory papers of two hours each. Course II is an extension in both depth and width of the introductory first-year course. B.A. and B.Sc. differentiated. A systematic approach is followed.

Theory :

B.A.-sections: 1, 2, 3; B.Sc.-sections: 1, 3, 4.

1. Economic Geography; 2. Social Geography; 3. Geomorphology; 4. Climatology and Meteorology. Seminars on the regional, functional and topical approaches with examples from various continents and topics.

Practical Work : Two practical sessions per week. B.A. and B.Sc. differentiated. The practical work includes, inter alia, techniques pertaining to map compilation, map analysis, methods of research in Social Geography; techniques pertaining to Geomorphology—terrain evaluation and block diagrams; Geographical interpretation of air-photos; statistical techniques; map projections.

Two theory papers of three hours each. The third year of study is a regional and systematic application of the work of the previous years with the emphasis on South Africa. B.A. and B.Sc. differentiated.

Theory :

B.A.-sections: 1, 3a, 3c, 3d; B.Sc.-sections: 2, 3a, 3b, 3d.

1. Political Geography, 2. Resource Geography, 3. Regional Studies pertaining to 3a. Geomorphology, 3b. Climatology, 3c. Social Geography, 3d. Economic Geography of Southern Africa. Seminars on regional and topical studies pertaining to Africa.

Practical Work :

Two practical periods per week. B.A. and B.Sc. differentiated.

Practical work includes advanced photo interpretation work, construction of models of physical systems, socio-economic systems, demographic models, economic models, urban models and settlement location.

Honours Course

The course consists of the following five papers of 3 hours:

Paper 1: The development of geography as a Science and modern trends in geography.

Paper 2: Methods and techniques of geographical research.

Papers 3, 4 and 5 are chosen from the following:

A. For B.Sc. (Hons.): Geomorphology (Paper 3—general; Paper 4—specialised)
Climatology (Paper 5—non-specialised)

B. For B.A. (Hons.): Two directions of specialisation are possible, viz., in Social or Economic Geography. Two papers per field of specialisation and one chosen from the remainder:

Social Geography: Papers 3 (general) and 4 (specialised) or Paper 5 (non-specialised)

Economic Geography: Papers 3 (general) and 4 (specialised) or Paper 5 (non-specialised)

Political Geography: Paper 5 (only non-specialised).

For Geomorphology (Paper 3 and 4) Geology I is compulsory, and for Climatology (Paper 5) one course in either Physics, or Mathematics, or Mathematical Statistics is compulsory.

For Social and Economic Geography (Papers 3 and 4) one course in Statistics is highly recommended.

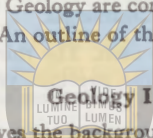
Papers 1 and 2, and Papers 3, 4 and 5 may be written as two combinations, or the five papers may be written as one combination at the end of the course.

Master's and Doctor's Degree

A dissertation or thesis is, *inter alia*, required.

GEOLOGY

Geology at Fort Hare is given with the requirements of the Ciskei and Transkei in mind. The leaning of the courses is towards Sedimentology or Sedimentary Petrology, while Geophysics and Engineering Geology are considered important and mineralogy and petrology receive much attention. An outline of the curriculum is given below.



An introduction to geology gives the background to the study of Geology. It gives an outline of geology, its scope, and place in the modern society. It deals with the Universe, the Earth, rocks and general geologic principles and processes.

An introductory course of stratigraphic principles is given, and the stratigraphy of Southern Africa is reviewed. This gives the relations of South African rocks to each other and to time.

A course in the study of Landforms is given as well as the principles of photogeology and the interpretation of aerial photographs.

The first course in Geology is concluded with Geophysics. The magnetic, electrical, gravimetric, and acoustical methods, as well as borehole logging, hydrology, and petroleum geology are studied.

The practical work includes cartography and exercises on geological maps, in photogeology and geophysics.

Geology II

The year is mainly spent in the study of crystallography, the study of crystals, mineralogy, the study of minerals, and petrology, the study of rocks.

A course in Geochemistry is included, with special attention to the trace elements. Geochemical surveys are reviewed.

The practical course includes crystallography, mineralogy and petrology—much time is devoted to the study of minerals and rocks, and their properties under the microscope. Geophysical and photogeological studies are advanced.

Geology III

Economic Geology, with reference to occurrences of South African deposits, is studied. The course includes the processes of formation, the classification of mineral deposits and mineral localization.

Further courses in Geophysics, Geochemistry and Petrology are given.

The course in Engineering Geology includes the geological side of road building, dam sites, and foundations, while clay mineralogy is also reviewed.

The practical work includes petrology, geophysics and geochemistry, while special attention is given to sedimentary analysis and techniques.

SYLLABUSES IN LAND SURVEYING

First Year

Surveying I :

Gravitational Levelling; testing and adjustment of levels, field methods, longitudinal and cross sections, contours. Linear measurements; instruments and methods, correction to measured lengths, chain surveying. The theodolite; general description, temporary adjustments, measurement of vertical and horizontal angles. Hand instruments. Compass surveying. Simple traversing; field methods and computations. Tacheometry; field methods and field book reductions. Plane table surveying. Barometric levelling. Drawing office methods; planimeter, pantograph, plotting of co-ordinates, preparation of simple topographical plans, conventional symbols. Calculation of areas.

Geometrical Drawing :

Use of drawing instruments and materials. Layout of plans, lettering and dimensioning. Descriptive geometry; lines in space and planes, their traces and true inclination to planes of projection. Pictorial projections and freehand sketching. Conic sections. Interpenetration and development of surfaces.

Second Year

Surveying II :

Theory of instruments; theodolites, automatic levelling instruments, instrumental errors and permanent adjustments.

Co-ordinate systems; local systems, description of the Gauss Conform Projection. Minor triangulation; base extension methods, breakdown from secondary and tertiary triangulation, eccentric reduction. Engineering surveying; volumes and earthworks, masshaul diagram, circular and transition curves, vertical curves. Setting out of works. Trigonometrical levelling; field methods, derivation of corrections for curvature and refraction, approximate adjustment of trigonometrical levelling nets.

Note : The examination includes a practical surveying project which will be satisfactorily carried out during the fortnight immediately following the written examinations in October-November.

Survey Computations I :

Direct and indirect measurement.

Linearisation and solution of linear equations. Elements of mathematical statistics; probability theory, measures of central tendency and dispersion, statistical distributions, derivation of the least squares principle. Overdetermined systems; least squares method of parameters, Lagrangian minimisation and method of correlates, simple practical applications. Introduction to electronic computers.

Programming for 'desk-top' computer.

Electromagnetic Measurement :

Optics: Nature of Light. Reflection, refraction, dispersion. Mirrors and lenses, aberrations, stop theory. Optical instruments, eyepieces and objectives. Resolving power of telescopes. Photometry. Velocity of Light. Interference. Newton rings. Diffraction. Polarisation of Light. Photoelectric effect. Photoelectric devices. Kerr cell. Lasers.

Alternating Current Theory: Circuits with resistance, capacitance and inductance. Series and Parallel resonant circuits. Power.

Electronic Devices: Vacuum tubes. Transistors. Oscillators. Frequency mixers. Modulation and demodulation Cathode ray tube.

Spherical Trigonometry :

Spherical triangles, formulae of the spherical triangle. The polar triangle. Solution of spherical triangles. Small changes. Legendre's theorem. Definition of astronomical terms Mean and sidereal time. Determination of latitude, longitude and azimuth using a small theodolite.

**Surveying III :**

Precise levelling; reconnaissance and observations, theory of levelling, or thometric and dynamic heights, precision.

Primary, secondary and tertiary triangulation; instruments, reconnaissance and observations. Precise traversing; instruments, reconnaissance and observations, traversing precision, control of bearings, inaccessible points, approximate methods for adjustment of traverse networks, subtense traversing, astronomical control of bearing. Cadastral surveying; fundamental concepts of land ownership, registration and boundary delimitation, rural and urban surveys, cadastral compilations and survey data, superposition, curvilinear boundaries, application of air survey methods, survey records diagrams and general plans.

Topographical mapping; organisation and planning, application of various techniques.

Note: The examination includes a practical surveying project which will be satisfactorily carried out during the fortnight immediately following the written examinations in October-November.

Survey Computations II :

Fortran programming. Theory of linear equations, linear dependency and conditioning. Least squares, adjustment by variation of co-ordinates, adjustment of precise traverses, error analysis, standard tests, the standard ellipse and the relative standard ellipse. Univariate and bivariate interpolation. Transformations; orthogonal, conformal, affine.

Cartography :**Paper 1 : Map Projections.**

General theory of map projections regarding the earth as a sphere. Classification of map projections. Choice of projection. Distortions of map projections. Derivation and properties of the more important conical, cylindrical and zenithal projections. Miscellaneous projections; transverse mercator, polyconic, the International Map, Bonne's.

Paper 2: Cartographic Processes.

Definitions, classification of maps, accuracy in mapping.

Map planning, design, monochrome and multi-coloured maps, lettering and symbols relief depiction, generalisation, map specifications. Map production techniques, material, and media, fair drawing methods, addition of lettering, map revision. Map reproduction, printing processes and equipment. Automation in cartography, orthophotomapping. General discussion on international and South African cartography. Reference systems; Universal Transverse Mercator, GEOREF.

Field Astronomy:

Determination of latitude, longitude and azimuth by equal altitude methods; the prismatic astrolabe; position lines. Precise determinations; the transit instrument; Talcott's method; azimuth from close circum-polar stars. The computation of Apparent Places of Stars.

Photogrammetry:

Plane perspective. The phototheodolite. Mapping from terrestrial photographs. Elements of photogrammetric optics. Air survey cameras. Geometrical properties of air photographs. Rectification of air photographs. Radial triangulation. Mosaics. Stereoscopy. Mapping from air photographs. Photogrammetric plotting instruments.

Fourth Year**Surveying IV:**

Geodetic surveying; historical background, units of measurement, optimisation, adjustment, determination of precision. Electronic distance measurement; theory, instruments and techniques. Application to geodetic and other surveys. Plumb line deflections and the Laplace azimuth equation. Determination of circle graduation errors. Calibration of levelling staves. Gyroscopic determination of azimuth. Magnetic and hydrographic surveys.

Geodesy:

Historical background. Spheroids of reference. Three-dimensional co-ordinates and differential geometry of the spheroid, including geodesics. Spheroidal co-ordinates. General theory of the Gauss conformal projection. Geometric and dynamic satellite geodesy. The basic principles of physical geodesy. Determination of 'g' by pendulum and gravimeter. The use of Stoke's integral in computing the Earth's gravity field. Clairaut's theorem and the International Gravity Formula. Free air, Bouguer and Isostatic Anomalies.

Professional Practice:**Paper 1: Legislation and Administration:**

Legislation and administrative procedures relating to the survey, registration and ownership of land in South Africa generally and that relating to the Bantu areas in particular. Responsibilities and duties of the professional land surveyor, professional conduct, registration and disciplinary control.

Paper 2: Land Economics:

Factors affecting land use and development. Elementary economic theory. Economic factors governing development and redevelopment. Determination of economic re-

Electromagnetic Measurement :

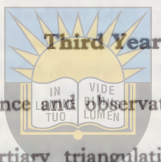
Optics: Nature of Light. Reflection, refraction, dispersion. Mirrors and lenses, aberrations, stop theory. Optical instruments, eyepieces and objectives. Resolving power of telescopes. Photometry. Velocity of Light. Interference. Newton rings. Diffraction. Polarisation of Light. Photoelectric effect. Photoelectric devices. Kerr cell. Lasers.

Alternating Current Theory: Circuits with resistance, capacitance and inductance. Series and Parallel resonant circuits. Power.

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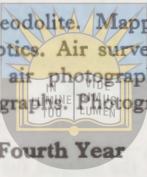
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Fourth Year

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Geodetic surveying; historical background, units of measurement, optimisation, adjustment, determination of precision. Electronic distance measurement; theory, instruments and techniques. Application to geodetic and other surveys. Plumb line deflections and the Laplace azimuth equation. Determination of circle graduation errors. Calibration of levelling staves. Gyroscopic determination of azimuth. Magnetic and hydrographic surveys.

Geodesy:

Historical background. Spheroids of reference. Three-dimensional co-ordinates and differential geometry of the spheroid, including geodesics. Spheroidal co-ordinates. General theory of the Gauss conformal projection. Geometric and dynamic satellite geodesy. The basic principles of physical geodesy. Determination of 'g' by pendulum and gravimeter. The use of Stoke's integral in computing the Earth's gravity field. Clairaut's theorem and the International Gravity Formula. Free air, Bouguer and Isostatic Anomalies.

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Paper 2: Land Economics:

Factors affecting land use and development. Elementary economic theory. Economic factors governing development and redevelopment. Determination of economic re-

sources. Financial resources of local authorities and their influence on planning proposals. The function of the valuator and elementary principles of valuation. The influence of land tenure and planning proposals on established and potential values. Compensation and betterment. Consideration of alternative forms of development from the point of view of both private and social costs and benefits.

Town and Regional Planning :

Paper 1 : Town Planning Theory.

Historical outline. Survey and analysis of land use, site analysis. Practical application of town planning theory, standards for town development. Municipal services including health and institutional services. Layout of townships and agricultural settlements. Statutory regulations and procedures.

Paper 2 : Practical Test.

Candidates will be set a problem and will be asked to formulate their proposals in principle in the form of a sketch plan to be completed within three hours. Final proposals will then be submitted in the form of a fair drawing not later than 12 noon of the fourth day following the day on which the practical test was commenced. The fair drawing may not depart in principle from the sketch plan.

Prescribed Practical Project :

Candidates will be informed of the subject for their project before the conclusion of their third year of study. Candidates will be expected to have read the available literature on the subject and to demonstrate that they are capable of completing the project with a minimum of supervision. The report must be neatly presented with suitable illustrations, graphs and diagrams, where applicable, together with references to the literature consulted. The final date for the submission of the report will be the day upon which lectures officially cease during the candidate's fourth year of study. Failure to hand in the report on due date may result in the candidate being unable to graduate during the following year.

MATHEMATICS

Course I

A general introduction to Analysis, Algebra and Geometry.

The examination consists of:

Paper 1 (Mathematics IA) and

Paper 2 (Mathematics IB)—each of three hour duration.

Course II

Paper 1.

Linear equations and matrices. Matrix Algebra. Real vector spaces. Linear transformations and matrices. Determinants.

Paper 2.

Topology for the real numbers.

Differentiable functions.

Functions of several variable

Multiple Intergration

Ordinary Differential Equations: Existence theorems.

Solution of equations of the first order and degree.

Theory of linear equations and solution of linear equations with constant coefficients and homogeneous equations.

Vector Analysis: Vector Algebra, Differential Geometry,

Differential Vector calculus, Integration.

Course III**Paper 1.**

Eigenvalues and eigenvectors of linear mappings.

Bilinear and quadratic forms.

Groups, rings and fields.

Paper 2.

Analysis: A rigorous treatment of the system of real numbers as a complete archimedean fully ordered field. Metric spaces. Continuity in metric spaces. Uniform continuity. Uniform convergence. Differentiability in normed spaces. The Riemann-Stieltjes integral. Elementary theory of Numerical Analysis.

Paper 3.

Uniform convergence and sufficient conditions from the term by term integration and differentiation of a series of functions of a real or complex variable Properties of power series. The logarithmic, exponential and trigonometric functions of real and complex variables. Line integrals in the real and complex plane. Differentiability of functions of a complex variable, analytic functions and the Cauchy-Riemann equations.

Cauchy's theorem. Taylor and Laurent expansions, residues, contour integration. Conformal mapping and analytic continuation.

Honours Examination

Four papers on approved subjects.

Master's Examination

The examination comprises either two papers set on approved subjects and a dissertation on an approved subject, or a dissertation only.

PHYSICS

The core of physics consists of four fundamental topics: Mechanics, Electromagnetism and Heat which express the classical view prevailing at the end of the last century, plus a fourth topic called Modern Physics which shows how certain limitations of the classical view were overcome during the first three decades of the present century. In the first year a physics major studies the three classical topics at an elementary level. In the senior years the student studies all four fundamental topics to an intermediate standard, the first two along with optics in the second year and the last two along with electronics in the third year. Specialized topics are studied at the post-graduate level.

A first year general course covering a greater range of topics than the major course is available to those not continuing in physics.

Practicals are an essential part of physics, and are required each year.

Course IA (Ancillary)
(One Paper)

Mechanics of Solids

Measurement of length and time. Scalar and vector quantities. Kinematics at constant acceleration. Uniform circular motion. Forces in equilibrium. Elasticity. Newton's laws of motion. Dynamics at constant acceleration, in uniform circular motion, and in harmonic motion. Gravitation. Conservation of energy and momentum. Work and simple machines.

Mechanics of Fluids

Pascal's law. Barometer. Archimedes' principle. Density and specific gravity. Manometer. Stationary flow. Bernoulli's principle. Viscosity. Poiseuille's equation. Turbulent flow. Surface tension and capillarity.

Temperature and Heat

Scales of temperature. Thermometry. Calorimetry. Expansion. Change of state. Elementary kinetic theory and the gas laws. Vapours and hygrometry. Transmission of heat. Laws of thermodynamics. Engines and refrigerators.

Electricity and Magnetism

Coulomb's law and charge. Fields and electrostatic induction. Potential. Capacitance. Ohm's law and Joule heating. Conduction in liquids. Electrolysis and Faraday's law. Electric cells. Direct current circuits. Magnetic forces. Voltmeters and ammeters. Wheatstone's Bridge. Magnetic induction. Ferromagnetism. Thermoelectricity. Motors and generators. Alternating current circuits. Diodes and triodes. Amplification. Photocells. Oscilloscope.

Sound

Nature of sound. Wavelength, phase velocity, and frequency. Doppler effect. Vibrating string. Open and closed pipes. Sound intensity. Beats.

Optics

Nature of light. Reflection, refraction, dispersion. Mirror and lens optical instruments. Spherical and chromatic aberration. Interference effects. Photometry. Polarization.

Radiation

X-rays and diffraction from crystals. Atomic number and isotope number. Artificial and natural radio activity. Types of radiation and measurement methods.

Course I (Major)
(One Paper)

Mechanics

Vectors and scalars. Parallelogram addition of forces. First and third laws of Newton. Equilibrium. Rectilinear motion. Second law of Newton. Gravitation. Projectiles. Circular motion. Work and energy. Conservative and dissipative forces. Conservation of energy, momentum, and angular momentum. Elasticity. Harmonic motion. Sound. Hydrostatics.

Heat

Thermometry. Calorimetry. Work and heat. Change of phase. Laws of thermodynamics. Carnot cycle. Atomic basis of heat.

Electromagnetism

Coulomb's law. Electric field. Millikan experiment for electron charge e . Ohm's law. Permittivity and capacitance. Circuits. Biot-Savart law. Magnetic field. No magnetic charge. Mass of electron m . Thomson experiment for e/m . Avogadro's number. Atomic weights. Cyclotron. Force on moving charge. Meters. Motors. Ferromagnetism. Faraday induction. Displacement current. Electromagnetic basis of light.

Course II

(Three Papers)

*(First Paper)**Mechanics*

Vector analysis. Parallelogram addition of forces. Three laws of Newton. Inertial and noninertial frames. Statics: particle, extended body, cable. Conservative and dissipative forces. Work and potential energy. Gravitation. Principle of virtual work. Stability. Rectilinear motion: constant force, position dependent force, velocity dependent force, time dependent force. Oscillators: critical damping, forced oscillation, resonance, power. Motion of a system of particles. Impulsive forces. Varying mass. Motion of a rigid body. Angular momentum. Moments of inertia. Parallel axis theorem. Instantaneous axis. Central field motion. Conservation of angular momentum. Kepler's laws. Disturbed circular orbits. Accelerated frames. Motion of rigid body in three-dimensions. Principal axes of inertia. Motion of top.

*(Second Paper)**Electromagnetism*

Coulomb law and electric charge. Electric field and potential. Gauss Law. Method of images. Capacitance. Currents. Resistance. Kirchoff law. Magnetic force on moving charge. Magnetic field and flux. Ampere law. Biot-Savart law. Faraday induction. Self and mutual induction. LCR circuits. Bridges. Resonance. Dielectric and magnetic materials. Maxwell equations. Electromagnetic waves. Poynting theorem. Accelerated charges.

*(Third Paper)**Optics*

Velocity of light. Index of refraction. Snell's law. Reflection and refraction at plane and spherical surfaces. Thin and thick lenses. Cardinal points. Aberrations. Polarization. Young's experiment. Thin films. Newton rings. Michelson interferometer. Fresnel and Fraunhofer diffraction.

Course III

(Three papers)

*(First Paper)**Heat*

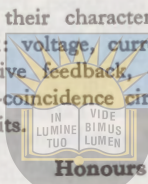
Temperature. Work. First law of thermodynamics. Ideal gas. Kinetic theory. Second law of thermodynamics. Engines. Refrigerators. Reversibility. Absolute temperature. Entropy. Carnot cycle. Statistical basis of heat. Entropy as disorder. Partition function. Equipartition of energy. Thermodynamic functions. Heat capacity relations. Generation and measurement of very low temperatures. Third law of thermodynamics. Applications in classical and quantum physics.

*(Second Paper)***Modern Physics**

Brownian motion and Avogadro number. Discovery of electron. Michelson-Morley experiment. Inertial systems. Galilean and Lorentz transformation. Two postulates of relativity. Addition of velocities. Transformation of energy-momentum. Rutherford experiment. Nuclear masses. Isotopes. Blackbody radiation. Planck law and quantum hypothesis. Photoelectric effect. X-rays and Compton effect. Matter diffraction and de Broglie hypothesis. Heisenberg uncertainty principle. Schrodinger equation and solution for simple cases. Barrier penetration. Free electron and band theories of conduction. Josephson effect. Hydrogen atom by Bohr and Schrodinger theories. Spectra. Selection rules. Spin. Pauli principle. Particle accelerators. Radioactivity. Nuclear reactions and models. Fundamental particles.

*(Third Paper)***Electronics**

Semiconductor devices and their characteristics. Amplification: voltage, pulse, power. Noise. Negative feedback: voltage, current. Stability. Operational amplifiers. Regulated power supplies. Positive feedback, oscillators, multivibrators. Waveform generators. Coincidence and anti-coincidence circuits. Binary numbers. Logical gates. Digital Honours integrated circuits.

**Honours**

At the end of the junior honours year, there are three individually approved single subject papers. At the end of the senior honours year there are three individually approved single subject papers, one of which may be replaced by an approved Honours Project. An individually prescribed set of practicals is required.

Honours Course in Theoretical Physics

Experimental: At least six approved experiments.

Theoretical: Seven papers covering the following fields:

- a. Advanced Classical Mechanics.
- b. Statistical Mechanics.
- c. Quantum Mechanics.
- d. Relativity Theory.
- e. Group Theory.
- f. Field Theory.
- g. Mathematical Techniques.

The first three topics and experimental work will be offered concurrently with the normal Honours Course in the Department of Physics; and the last four topics will be offered in the Department of Applied Mathematics.

Masters

The degree is based on an approved dissertation, although additional examinations may be required of a candidate.

Doctors

The degree is based on an original research dissertation worthy of publication in a professional journal.

ZOOLOGY

Course I

The final examination of the course will consist of a theoretical paper of 3 hours duration.

The year mark will be based on the theoretical work and practical work which the student has done during the year.

The general anatomy, physiology, reproduction, distribution and life cycles of animal-structural types are studied in this course as an introduction to the Science of Zoology.

Course II

The final examination of the course will consist of two three hour papers each.

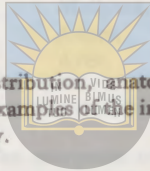
The year mark will be based on the theoretical work and practical work which the student has done during the year.

A. Principles of taxonomy.

B. *Survey of the Invertebrata* :

The general classification, distribution, anatomy, physiology, reproduction, embryology and life cycles of suitable examples of the invertebrate and protochordate groups.

C. An introduction to Parasitology.



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Course III

The final examination of the course will consist of two theoretical papers of three hours each.

The year mark will be based on the theoretical work and practical work which the student has done during the year.

A. *A Survey of Vertebrate Groups*.

1. A study of the phylogeny, classification, anatomy, reproduction, life cycles and distribution of the vertebrate groups.

2. Theories and Generalizations concerning Vertebrates.

B. Cytology and Molecular Biology.

C. Vertebrate Physiology.

D. Ecology.

E. Behaviour in Animals.

F. Vertebrate Embryology.

Honours Course

The final examination of the course will consist of:

(i) Three three-hour theory papers;

(ii) One oral examination, not longer than one hour in duration, and

(iii) A report on a project which is to be compiled during the period of study and must be handed in before the theory papers are written.

This is a one year course for full-time students, but part-time students will be required to do the same course in a minimum of two years.

The year mark will be based on the theoretical and practical work which the student has done during the study period.

This course must be regarded as a basic training course in zoological research and the factual content will deal mainly with problems in the fields of parasitology, ecology and nature conservation. The students will be required to write seminars on the various topics that will be dealt with.

Biology IM

(One paper) (Medical option)

Section A

Cytology

- The characteristics of living things.
- Cell structure and the function of cell components.
- Cell division. Chromosome structure.
- Cell metabolism. Enzyme action. Metabolic pathways.
- The movement of materials across cell boundaries.

Histology

- Animal histology
- Plant histology

Embryology

- Animal embryology
- Plant embryology



University of Fort Hare

Genetics
The particulate nature of inheritance. Mendel's experiments. Gene theory. Linkage. Interaction of genes. Sex inheritance. Mutations. Genetics and organic evolution. Nucleic acid importance.

Section B

1. The framework of the classification of plants.
2. The distribution gross anatomy and life cycles of the following types:
 - Dinoflagellates
 - Volvox
 - Penicillium
 - Basidiomycete
 - Fern
 - Conifer
 - Flowering Plant
3. *Plant physiology*
 - Water relations in plants.
 - Photosynthesis, respiration and fermentation.
 - Growth and growth substances.

Section C

I. *Anatomy and Physiology of a Mammal*

(a) The general structure of the following systems:—

- | | |
|------------------------|----------------------|
| Blood-vascular system, | Digestive system |
| Uro-genital system, | Skin, |
| Respiratory system, | Neurosensory system, |
| Endocrine system, | Skeletal system. |

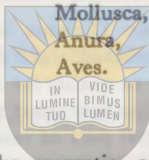
- (b) The physiology of the following activities:—
- | | |
|--|----------------------|
| Locomotion (including muscle contraction). | |
| Digestion, absorption and utilization of food. | |
| Sensation and the origin and transmission of nerve impulses. | |
| Blood circulation. | Excretion. |
| Respiration. | Temperature control. |
| Endocrine control. | Immune reactions. |

II. Taxonomy, distribution and life cycles of Animal types.

The classification of animals. The diagnostic features of the main groups.

The characteristics and economic importance of viruses and bacteria. The general classification, anatomy, distribution and life cycle of examples from the following animal groups:

Protozoa,	Porifera,
Coelenterata,	Platyhelminthes,
Nematoda,	Annelida,
Arthropoda,	Mollusca,
Teleostei,	Anura,
Reptilia,	Aves.



Section D

Ecology

Ecosystems. Trophic levels. The energetics of ecosystems. Communities. Factors affecting organisms, biotic and abiotic factors, density dependent and density independent factors. Freshwater ecology.

Commensalism, mutualism and parasitism.

The mode of life and economic importance of the following:

Schistosoma, Ascaris, Pulex, Musca, Apis mellifera.

Section E

Nature conservation

General Principles of nature conservation.

Practical Work.

Relevant Practicals will be given in the Zoology Department.

Faculty of Education

1. The Faculty of Education is basically responsible for the professional training of teachers.

1.1. The Higher Secondary Teachers' Diploma caters mainly for students who have not obtained matriculation exemption, and may be taken with one of the following biases:

- 1.1.1 Arts subjects.
- 1.1.2 Science subjects.
- 1.1.3 Economic Sciences.
- 1.1.4 Fine Arts.
- 1.1.5 Musical Studies
- 1.1.6 Physical Education.

1.2. The University Education Diploma is a post-graduate course. Students should however, have selected their degree courses in compliance with Regulation E.21. in order to qualify for admission to U.E.D. It is important that prospective student-teachers select their curriculum with great care.

Practice teaching forms an integral part of teacher training. Prospective education students must report to the Faculty of Education at the end of the academic year preceding their professional year, in order to make the necessary arrangements for teaching at their home school at the beginning of the next school year.

1.3. Bachelor of Pedagogics is a four year integrated professional degree and may be taken with one of the following biases:

- 1.3.1. Arts subjects.
- 1.3.2. Science subjects.
- 1.3.3. Economic Sciences.
- 1.3.4. Agriculture.
- 1.3.5. Music.

The degree entitles the holder to proceed to B.Ed. or with certain qualifications to an Honours degree.

2. The Faculty of Education offers specialised training in pedagogics at post degree level. To assist teachers in service the B.Ed. lectures are offered on Saturdays with the course being spread over two years.

3. Special grants, bursaries and loans are available to student teachers on application to the University Registrar and/or to the Secretaries of the various Government Departments of Education.

RULES FOR THE FACULTY OF EDUCATION

The following faculty rules are to be read in conjunction with the provisions of the Act, Statute, regulations and general rules:—

DEGREES AND DIPLOMAS

- E.1 (1) The following degrees are conferred in the Faculty:
- | | |
|-----------------------------|--------|
| Bachelor of Pedagogics..... | B.Ped. |
| Bachelor of Education | B.Ed. |
| Master of Education..... | M.Ed. |
| Doctor of Education..... | D.Ed. |
- (2) The following post-graduate diploma is granted in the Faculty:
- | | |
|------------------------------------|--------|
| University Education Diploma | U.E.D. |
|------------------------------------|--------|
- (3) The following under-graduate diploma is granted in the Faculty:
- | | |
|--|----------|
| Higher Secondary Teachers' Diploma | H.S.T.D. |
|--|----------|

THE DEGREE OF BACHELOR OF PEDAGOGICS

Duration of Curriculum

- E.2 The curriculum shall extend over four years of study.

Options

- E.3 The degree may be obtained in any of the following options:—

- (a) Arts (major subjects—African Studies, Basotho Language, Biblical Studies, English, Geography, German, History, Latin, Library Science or Psychology).
- (b) Science (major subjects—Chemistry or Physics, Botany or Zoology, Mathematics, Geography).
- (c) Economic Sciences
- (d) Music
- (e) Agriculture

Curricula

E.4 The curriculum for each of the different options, with variations for different major subjects where applicable, shall be as set out in the *Schedule.

E.5 (1) Except by permission of the Senate, a student shall not be permitted to register for any of the courses prescribed for the second year of study until he has completed at least two courses of the first year of study.

(2) Except by permission of the Senate, a student shall not be permitted to register for any of the courses prescribed for the third year of study unless he has completed all the courses prescribed for the first year of study and at least three courses of the second year of study.

(3) Except by permission of the Senate, a student shall not be permitted to register for any of the courses prescribed for the fourth year of study unless he has completed all the courses prescribed for the first and second year of study and at least three courses of the third year of study.

(4) Except by permission of the Senate, a student in any year of study may not register for more courses than the number indicated in the appropriate curriculum in the

*See Schedule after E10.

Schedule: Provided that in the second or more advanced year he may take one course in excess of the maximum if it is a course in which he previously failed and provided further that no additional provision be made on the timetable to accommodate such course.

School Visits and Practice Teaching

E.6 (1) Two weeks before the beginning of the fourth academic year (preferably the first two weeks of February) shall be devoted to school visits.

(2) Two weeks during the first semester and two weeks during the second semester of the fourth academic year shall be devoted to practice teaching.

Examination

E.7 (1) In order to complete a course in a subject offered by a Faculty other than Education, a student shall comply with the rules of the Faculty concerned.

(2) In order to complete a course in a subject offered by the Faculty of Education, a student shall comply with the general rules for the degree of bachelor, except where otherwise indicated.

(3) The examination in both the Method courses shall include a practical teaching test consisting of two test lessons in each Method subject. A sub-minimum of 40% for each subject is prescribed.

(4) The examination in Professional Studies shall include assessment in Audio-visual Aids, Microteaching, School Hygiene, School Administration and one of the following practical subjects:

- (i) Physical Training.
- (ii) Music and Choral Singing.
- (iii) Fine Arts.

(5) Medium courses will be offered in Xhosa, Southern Sotho, Afrikaans and English. The examination in these courses shall be both oral and written. A student shall pass (in the Lower grade) if he obtains an aggregate of 50% with a subminimum of 40% in each of the two parts. A candidate who obtains an aggregate of 60% with a sub-minimum of 50% will be awarded a pass in the Higher Grade. The examination in at least one Medium course must be passed in the Higher Grade.

(6) A Student who intends to follow a medium course may present himself for a test at the beginning of the year and should he qualify for the Higher Grade be exempted from further attendance.

E.8 (1) A student who fails a first or second year course may be admitted to a supplementary examination in such course if he complies with the rules of the Faculty offering the course.

(2) A student who fails a third or fourth year course may be admitted to a supplementary examination in such course, provided he has obtained:—

- (a) a year mark of at least 50%;
- (b) an average of at least 45% for the year mark and examination combined; and
- (c) the pass mark in at least two other courses at the same examination:

Provided that these requirements may be waived in the case of a single course which is the final requirement for the degree, on condition that the candidate presented himself for the ordinary examination.

(3) A student who fails to obtain the pass mark in a Method course, may not present himself for re-examination before the end of the ensuing academic year:

Provided that a candidate who obtains the pass mark but fails to obtain the prescribed sub-minimum in one or both of the practical teaching tests may present himself for re-examination in such test or tests late in the first semester of the ensuing academic year and shall until then retain credit for the theoretical part of the examination.

(4) A supplementary examination in the language medium tests shall not be held before May of the ensuing year.

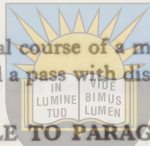
Exemptions.

E.9 (1) A student may be exempted from the practical requirements in School Hygiene if he can produce a recognized certificate of the Red Cross or the St. John's Ambulance.

(2) A Student who at Matriculation level did not take a Bantu Language in which a medium course is offered at this University may be exempted from the vernacular medium test on condition that he takes English and Afrikaans as media and passes at least one of them in the Higher Grade.

Distinction.

E.10 A student who in the final course of a major subject attains the standard laid down by the Senate shall be awarded a pass with distinction in that subject.



**SCHEDULE TO PARAGRAPH E.4
DEGREE OF BACHELOR OF PEDAGOGICS**

ARTS

University of Fort Hare
Together in Excellence

1. Major Subjects in which three courses can be taken:
 - Afrikaans
 - Bantu Language
 - English
 - Latin
 - Psychology
 - Geography
 - History
 - German
 - Library Science
 - Biblical Studies.
2. Ancillary subjects in which not more than one course can be taken:
 - Philosophy
 - Political Science
 - Sociology
 - Special Language Courses
 - Anthropology
 - Systematic Theology/Ecclesiastical History (only with Biblical Studies)
 - Greek Culture.

I. Major Subject: Bantu Language.

First year :

At least four, or all of the following five courses of which the first is compulsory:

1. Bantu Language I.
2. English I.

3. Afrikaans/German/Latin/another Bantu Language I.
4. History/Psychology/Geography I.
5. Philosophy/Political Science/Sociology/Anthropology I.

Second year :

1. Bantu Language II.
2. History/English/Afrikaans/Latin/German II.
3. Education I.
4. Philosophy/Political Science/Sociology/Anthropology I.

Third year :

1. Bantu Language III.
2. Education II.
3. Professional Studies A.
4. All media.

Fourth year :

1. Major Method Course.
2. Education III.
3. Method of History/English/Afrikaans etc. (Including Practice Teaching).
4. Professional Studies B.



II. Major Subject: English.

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First year :

At least four, or all of the following five courses of which the first is compulsory :

1. English I.
2. Bantu Language I.
3. Afrikaans/German/Latin/another Bantu Language I.
4. History/Psychology/ Geography I.
5. Philosophy/Political Science/Sociology/Anthropology I.

Second year :

1. English II.
2. Bantu Language/History/Afrikaans/Latin/German II.
3. Education I.
4. Philosophy/Political Science/Sociology/Anthropology I.

Third year :

1. English III.
2. Education II.
3. Professional Studies A.
4. All media.

Fourth year :

1. Major Method Course
2. Education III.
3. Method of Bantu Language/History/Afrikaans etc. (Including Practice Teaching).
4. Professional Studies B.

III. Major Subject: Afrikaans.**First year :**

At least four, or all of the following five courses of which the first is compulsory :

1. Afrikaans I.
2. Bantu Language (English) I.
3. English/German/Latin I.
4. History/Psychology/Geography I.
5. Philosophy/Political Science/Sociology/Anthropology/Biblical Studies I.

Second Year :

1. Afrikaans II.
2. Bantu Language/English/History II.
3. Education I.
4. Philosophy/Political Science/Sociology/Anthropology/Biblical Studies I.

Third year :

1. Afrikaans III.
2. Education II.
3. Professional Studies A.
4. All media.

**Fourth year :**

1. Major Method Course.
2. Education III.
3. Method of Bantu Language/English/History, etc. (including Practice Teaching)
4. Professional Studies B. *Together in Excellence*

IV. Major Subject: Psychology.**First year :**

At least four, or all of the following five courses of which the first is compulsory :

1. Psychology I.
2. Bantu Language/Afrikaans I.
3. English I.
4. History/Geography I.
5. Philosophy/Political Science/Sociology/Anthropology I.

Second year :

1. Psychology II.
2. Bantu Language/Afrikaans/English/History/Geography II.
3. Education I.
4. Sociology/Anthropology.

Third year :

1. Psychology III.
2. Education II.
3. Professional Studies A.
4. All media.

Fourth year :

1. Major Method Course.
2. Education III.

3. Method of Bantu Language/Afrikaans/English/History/Geography(Including Practice Teaching).
4. Professional Studies B.

V. Major Subject: Geography.

First year :

At least four, or all of the following five courses of which the first is compulsory:

1. Geography I.
2. Bantu Language/Afrikaans I.
3. History/Library Science I.
4. English/Latin I.
5. Philosophy/Political Science/Sociology/Anthropology I.

Second year :

1. Geography II.
2. Bantu Language/Afrikaans/History/Biblical Studies/English II.
3. Education I.
4. Philosophy/Political Science/Sociology/ Anthropology I.

Third year :

1. Geography III.
2. Education II.
3. Professional Studies A.
4. All media.



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Together in Excellence

Fourth year :

1. Major Method Course
2. Education III.
3. Method of Bantu Language/Afrikaans/English/History/Biblical studies (Including Practice Teaching).
4. Professional Studies B.

VI. Major Subject: History.

First year :

At least four, or all of the following five courses of which the first is compulsory:

1. History I.
2. Bantu Language/Afrikaans I.
3. Geography/Library Science/Biblical Studies I.
4. English/Latin I.
5. Philosophy/Political Science/Sociology/Anthropology I.

Second year :

1. History II.
2. Bantu Language/Afrikaans/Geography/Biblical Studies/English II.
3. Education I.
4. Philosophy/Political Science/Sociology/Anthropology I.

Third year :

1. History III.
2. Education II.
3. Professional Studies A.
4. All media.

Fourth year :

1. Major Method Course.
2. Education III.
3. Method of Bantu Language/Afrikaans/Geography/Biblical Studies/English
(Including Practice Teaching).
4. Professional Studies B.

VII. Major Subject: Library Science.**First year :**

At least four, or all of the following five courses of which the first is compulsory:

1. Library Science I.
2. Afrikaans/Latin I.
3. English/German I.
4. Bantu Language/History I.
5. Philosophy/Anthropology I.

Second year :

1. Library Science II.
2. Afrikaans/Latin/English/German/Bantu Language II.
3. Education I.
4. Philosophy/Anthropology/A language I.

**Third year :**

1. Library Science III.
2. Education II.
3. Professional Studies A. *Together in Excellence*
4. All media.

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Fourth year :

1. Major Method Course.
2. Education III.
3. Method of Afrikaans/Latin/English/Bantu Language (Including Practice Teaching).
4. Professional Studies B.

VIII. Major Subject: Biblical Studies.**First year :**

At least four, or all of the following five courses of which the first is compulsory:

1. Biblical Studies I.
2. Afrikaans/Bantu Language I.
3. English/History I.
4. Systematic Theology/Ecclesiastical History/Philosophy I.
5. Philosophy/Sociology/Anthropology I/Principles of Greek Culture.

Second year :

1. Biblical Studies II.
2. Afrikaans/Bantu Language/English/History II.
3. Education I.
4. Philosophy/Sociology/Anthropology I/Principles of Greek Culture.

Third year :

1. Biblical Studies III.

2. Education II.
3. Professional Studies A.
4. All media.

Fourth year :

1. Major Method Course.
2. Education III.
3. Method of Afrikaans/Bantu Language/English/History (Including Practice Teaching).
4. Professional Studies B.

**DEGREE OF BACHELOR OF PEDAGOGICS
SCIENCE**

Major subjects in which three courses can be taken: Chemistry, Physics, Botany, Zoology, Mathematics or Geography.



I. Major Subject: Chemistry or Physics.

First year :

1. Chemistry I.
2. Physics. I.
3. Mathematics I.
4. Botany I/Zoology I. *Together in Excellence*

University of Fort Hare

Second year :

1. Chemistry II.
2. Physics II.
3. Botany I/Zoology I/Applied Mathematics II (if Mathematics I is passed).
4. Education I.

Third year :

1. Chemistry III/Physics III.
2. Education II.
3. Professional Studies A.
4. All media.

Fourth year :

1. Major Method Course.
2. Education III.
3. Method of Mathematics/Biology (Including Practice Teaching).
4. Professional Studies B.

II. Major Subject: Botany or Zoology.

First year :

1. Botany I.
2. Zoology I.
3. Chemistry I.
4. Physics I/Mathematics I/Geography I.

Second year :

1. Botany II.
2. Zoology II.
3. Physics I/Mathematics I/Geography I not taken under 4 above.
4. Education I.

Third year :

1. Botany III/Zoology III.
2. Education II.
3. Professional Studies A.
4. All media.

Fourth year :

1. Major Method Course.
2. Education III.
3. Method of Physical Science/Mathematics/Geography (Including Practice Teaching).
4. Professional Studies B.

III. Major Subject: Mathematics.**First year :**

1. Mathematics I.
2. Physics I/Geography I.
3. Physics I/Zoology I.
4. Chemistry I/Botany I



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*Together in Excellence***Second year :**

1. Mathematics II.
2. Physics II/Chemistry II/Geography II/Botany II/Zoology II/Mathematical Statistics II/Applied Mathematics II.
3. Physics I/Chemistry I/Geography I/Botany I/Zoology I not taken under 3 or 4 above.
4. Education I.

Third year :

1. Mathematics III.
2. Education II.
3. Professional Studies A.
4. All media.

Fourth year :

1. Major Method Course.
2. Education III.
3. Method of Physical Science/Biology/Geography (Including Practice Teaching).
4. Professional Studies B.

VI. Major Subject: Geography.**First year :**

1. Geography I.
2. Geology I.
3. Chemistry I/Botany I/Mathematics I.
4. Physics I/Zoology I.

Second year :

1. Geography II.
2. Chemistry II/Physics II/Botany II/Zoology II/Mathematics II.
3. Chemistry I/Botany I/Mathematics I/Physics I/Zoology I not taken under 3 or 4 above.
4. Education I.

Third year :

1. Geography III.
2. Education II.
3. Professional Studies A.
4. All media.

Fourth year :

1. Major Method Course.
2. Education III.
3. Method of Physical Science/Biology/Mathematics. (Including Practice Teaching).
4. Professional Studies B.



DEGREE OF BACHELOR OF PEDAGOGICS

University of Fort Hare

COMMERCE

Together in Excellence

First year :

1. Economics I.
2. Business Economics I.
3. Accounting I.
4. Commercial Law I.
5. Statistics I.

Second year :

1. Economics II.
2. Business Economics II.
3. Accounting II.
4. Education I.

Third year :

1. Economics III or Business Economics III.
2. Education II.
3. Professional Studies A.
4. All media.

Fourth year :

1. Major Method Course
2. Education III.
3. One of the following methods: Accounting/Economics/Typing. (Including Practice Teaching).
4. Professional Studies B.

DEGREE OF BACHELOR OF PEDAGOGICS

AGRICULTURE

Year	Sem.	No.	Course	Pre- & Co-req.	Lect/Prac. Units per week.	Total
I	1	—	Chemistry I	—	5+1	23
		—	Biology I	—	5+1	
		—	Physics I/Maths. I	—	5+1	
		CS 101	Agro-Meteorology and water relations	—	3+1	
		AE 101	Agriculture in the Economy	—	1+0	
II	2	—	Chemistry I	—	5+1	24
		—	Biology I	—	5+1	
		—	Physics I/Maths. I	—	5+1	
		AH 112	Elementary Animal Health	—	5+1	
II	3	—	Education I	—	5+0	23
		SS 101	Introduction to Soil Science	Chem. I	5+1	
		AS 101	Introduction to Animal Science	—	5+1	
		BC —	Selected courses in Biochemistry	Chem. I	6	
	4	—	Education I	—	5+0	25½
		CS 112	Introduction to Plant Science	CS 101	5+1	
		SS 222	Plant Nutrition and Soil Fertility	SS 101	4+½	
		AS 202	Animal Nutrition	AS 101	5+1	
		PS 102	Pasture Ecology	CS 112	3+1	
		(co-req.)				
III	5	—	Education II	—	5+0	27
		—	Medium	—	2+0	
		—	Professional Studies A	—	8+1	
		CS 201	Elements of Crop Production	CS 101	5+1	
		PS 201	Pasture Management	CS 112	4+1	
	(co-req.)					
	6	—	Education II	—	5+0	24½
		—	Medium	—	2+0	
		—	Professional Studies A	—	8+1	
		MB 102	Introduction to Microbiology	—	5+1	
		PS 222	Veld Rehabilitation	PS 102	2+½	
(co-req.)						

Year	Sem.	No.	Course	Pre- & Co-req.	Units	Total		
IV	7	—	Education III	—	5+0	26-28		
		—	Method of Agriculture	—	4+0			
		—	Method of Biology/Physical Sc.	—	4+0			
		HC 211	Elements of Fruit and Vegetable Production	CS 112	5+1			
		MB 221	Plant Pest Control	MB 102	4+1			
		<i>One of the following :</i>						
		AS 241	Dairy Science	—	3+1			
		CS 121	Elementary Irrigation	CS 101	2+1			
		AE 131	Marketing of Agricultural Products.	—	2+0			
		<hr/>						
		8	—	—	Education III		—	5+0
—	Method of Agriculture			—	4+0			
—	Method of Biology/Physical Sc.			—	4+0			
<i>One of the following :</i>								
AE 142	Farm Management			—	3+1			
PS 212	Fodder production and conservation			PS 201 (co-req.)	4+1			
EX 102	Introduction to Agricultural Extension.			—	3+0			
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189-193								

DEGREE OF BACHELOR OF PEDAGOGICS

MUSIC

First year :

1. Music I.
2. Musical Education I.
3. English I/History I.
4. Afrikaans or Bantu-Language I.

Second year :

1. Music II.
2. Musical Education II.
3. Education I.
4. English II or Afrikaans II or Bantu-Language II.

Third year :

1. Music III.
2. Musical Education III.

3. Education II.

4. Media.

Fourth year :

1. Music (advanced) OR Musical Education (Advanced)

2. Education III.

3. Professional Studies B.

4. Method of English, Afrikaans, Bantu-Language (Including Practice Teaching).

THE DEGREE OF BACHELOR OF EDUCATION

Admission

E.11 A person shall not be admitted as a candidate for the degree unless he has been admitted to—

(a) the degree of Bachelor of Pedagogics of the University or to the status thereof;
or

(b) the degree of Bachelor of Physical Education at an approved University; or

(c) any other degree of bachelor of the University or to the status of bachelor at the University *and* has obtained the University Education Diploma: Provided that a graduate who holds a teachers' certificate but *not* the University Education Diploma may be admitted on the following conditions:

(1) If he has had post-matriculation teachers' training, he must *either*

(i) produce evidence to the satisfaction of the Senate of at least five years' teaching experience; *or*

(ii) pass a test in the five subjects:—

Philosophy of Education

Empirical Education

Historical Education

Didactics

Comparative Education

which, at the first attempt, shall be written during one and the same examination period: Provided that a student shall retain credit for any subject in which he has passed, but may not present himself for re-examination in any subject in which he failed except during the next ordinary year end examinations.

(2) If he has had pre-matriculation teachers' training, he must—

(i) produce evidence to the satisfaction of the Senate of at least five years teaching experience; *and*

(ii) pass a test in the five subjects:—

Philosophy of Education

Empirical Education

Historical Education

Didactics

Comparative Education

which, at the first attempt, shall be written during one and the same examination period: Provided that a student shall retain credit for any subject in which he has passed, but may not present himself for re-examination in any subject in which he failed except during the next ordinary year end examinations.

(3) The test referred to in (1)(ii) and (2)(ii) above shall be the examination in the subjects concerned as conducted for the University Education Diploma.

E.12 A candidate must show, to the satisfaction of the Senate, that he has a thorough reading knowledge of Afrikaans.

Duration and Curriculum

E.13 (1) The full-time curriculum shall extend over at least one academic year and shall consist of the following courses:—

- Philosophy of Education
- General Empirical Education
- Special Empirical Education
- Historical Education
- Didactics
- Comparative Education

(2) The part-time curriculum shall extend over at least two academic years and shall consist of the same courses as for full-time students, three papers being written at the end of the first academic year and the remaining three at the end of the second academic year.

E.14 (1) The degree will not be conferred on a candidate unless he obtains the pass mark in the examination in every course.

(2) The year mark and the examination mark shall be combined in equal proportions.

(3) The degree will be conferred cum laude if the student obtains a mark of at least 75% in at least four courses.

THE DEGREE OF MASTER OF EDUCATION

Admission

E.15 A person shall not be admitted as a candidate for the degree unless he—

- (a) (i) has been admitted to the degree of Bachelor of Education of the University; or
- (ii) has been admitted to the status of a Bachelor of Education of the University; or
- (iii) possesses some other qualification which in the opinion of the Senate is equivalent to or higher than the degree of Bachelor of Education of the University; and
- (b) (i) produces evidence to the satisfaction of the Senate of at least one year's teaching experience; and
- (ii) satisfies the Senate that he has sufficient knowledge of the subject of his dissertation to undertake the course of study.

Examination

E.16 A candidate shall submit for examination a dissertation on an approved educational topic.

THE DEGREE OF DOCTOR OF EDUCATION

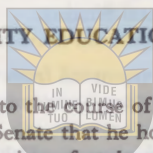
Admission and Registration

- E.17 The degree shall not be conferred on any person unless he either—
- is a Master of Education of the University of at least four years' standing; or
 - is a Master of Education of the University of at least three years' standing, of which at least one year was devoted fulltime to approved research work; or
 - has been admitted to the status of Master of Education of the University and complies with the further requirements referred to in clause (a) or clause (b) above.

Thesis

- E.18 A candidate shall submit for examination a thesis on an approved educational topic.

THE UNIVERSITY EDUCATION DIPLOMA



Admission

E.21. In order to be admitted to the course of study for the University Education Diploma a student must satisfy the Senate that he holds an approved University degree. An approved degree is one that consists of at least six degree courses from the list* approved school subjects in one of the following combinations:

- Three courses in two approved subjects;
- Three courses in one approved subject, two in another and one course in a third subject;
- Two courses in each of three approved subjects;
- Two courses in each of two approved subjects and one course in each of two other approved subjects;
- Three courses in one approved subject and one course in each of three other approved subjects: Provided that the above requirements as to subject shall not apply to a student holding the degree of Bachelor of Agriculture, Bachelor of Science in Agriculture or Bachelor of Art (Fine Art).

E.22. (1) A student who has completed three courses in either Botany or Zoology must have completed at least one course in the other in order to offer Biology as a principal teaching subject. Botany and Zoology are not recognised as separate teaching subjects.

(2) A student who has completed three courses in either Physics or Chemistry must have completed at least one course in the other in order to offer Physical Science as a principal teaching subject. Physics and Chemistry are not recognised as separate teaching subjects.

Curriculum

E.23 The curriculum shall extend over one academic year.

E.24 In order to obtain the diploma, a student shall complete the courses and comply with the other requirements set out hereunder:—

*See list after Rule E.30.

(a) Principal subjects:

- (i) Philosophy of Education
- (ii) Empirical Education
- (iii) Historical Education
- (iv) Didactics
- (v) Comparative Education
- (vi) and (vii) Method of two principal teaching subjects for the secondary school including a practical teaching test in each for which a sub-minimum of 40% is prescribed.

(b) Professional Studies:

- (viii) Professional Studies which includes Audio-visual Aids, Microteaching, School Hygiene, School Administration and one of the following practical subjects:
 - (i) Physical Training.
 - (ii) Music and Choral Singing.
 - (iii) Fine Arts.

N.B.: A student may be exempted from the practical requirements in School Hygiene if he can produce a recognized certificate of the Red Cross or the St. John's Ambulance.

- (ix), (x) and (xi) Medium courses will be offered in Xhosa, Southern Sotho, Afrikaans and English. The examination in these courses shall be both oral and written.

A student shall pass a language test (in the Lower Grade) if he obtains an aggregate of 50% with a sub-minimum of 40% in each of the two parts. A student who obtains an aggregate of 60% with a sub-minimum of 50% will be awarded a pass in the Higher Grade.

In order to obtain the diploma a student must pass in at least two of the language tests, one of which in the Higher Grade.

(c) School visits and practice teaching:

- (i) Two weeks before the beginning of the academic year (preferably the first two weeks of February) shall be devoted to school visits.
- (ii) Two weeks during the first semester and two weeks during the second semester shall be devoted to practice teaching.

Exemptions

E.25 A Student who at Matriculation level did not take a Bantu Language in which a medium course is offered at this University may be exempted from the vernacular medium test on condition that he takes English and Afrikaans as media and passes at least one of them in the Higher Grade.

Examination

E.26 A student shall not present himself for examination in any subject for the diploma until he has completed all the courses required in terms of paragraph E.21: Provided that a student who lacks only one degree course to comply with the said requirement may present himself for examination in that subject concurrently with the subjects for the diploma and provided further that no additional provision be made on the timetable to accommodate such examination.

E.27 Save as provided in paragraph E.28, a student may be admitted to a supplementary examination in a subject in which he has failed, provided he has obtained—

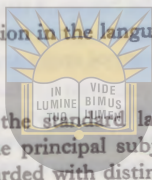
- (a) a year mark of at least 50% ;
- (b) at least 40% of the marks in the examination; and
- (c) the pass mark in at least five other subjects at the same examination: Provided that these requirements may be waived in the case of a single course which is the final requirement for the Diploma, on condition that the candidate presented himself for the ordinary examination.

E.28 A student who fails to obtain the pass mark in one or both of the two principal teaching subjects, may not present himself for re-examination before the end of the ensuing academic year: Provided that a candidate who obtains the pass mark but fails to obtain the prescribed sub-minimum in one or both of the practical teaching tests may present himself for re-examination in such test or tests late in the first semester of the ensuing academic year, and shall until then retain credit for the theoretical part of the examination.

E.29 A supplementary examination in the language medium tests shall not be held before May of the ensuing year.

Distinction

E.30 A candidate who attains the standard laid down by the Senate, shall be awarded distinction in any one of the principal subjects referred to in sub-paragraph E.24(a), and the diploma shall be awarded with distinction to a student who is awarded distinction in any three of the said subjects.



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SCHEDULE TO PARAGRAPH E.21

Group A.

Subjects from which up to three courses may be offered:

- | | |
|-------------------------------------|--------------------|
| Afrikaans-Nederlands (or Afrikaans) | Botany |
| English | Zoology |
| A Bantu Language | Chemistry |
| Latin | Physics |
| Biblical Studies | Mathematics |
| History | Accounting |
| Psychology | Business Economics |
| Library Science | Economics |
| Geography | |

HIGHER SECONDARY TEACHERS' DIPLOMA

Admission

E.31 A person shall not be admitted as a student unless he has obtained at least a School-leaving Certificate or a certificate recognised by the Senate as equivalent thereto: Provided that with the exception of the Fine Arts curriculum referred to below, the Senate may refuse to accept such certificate if the applicant's results are not of a satisfactory standard.

Duration of Curriculum

E.32 The curriculum shall extend over three academic years.

Options

E.33 The diploma may be obtained in any of the following options:—

- (a) Arts
- (b) Science
- (c) Economic Sciences
- (d) Fine Arts
- (e) Physical Education.
- (f) Music.

Curricula

E.34 The curriculum for each of the different options shall be as set out in the *Schedule.

E.35 (1) Except by permission of the Senate, a student shall not be permitted to register for any of the courses prescribed for the second year of study until he has completed at least two courses of the first year of study.

(2) Except by permission of the Senate, a student shall not be permitted to register for any of the courses prescribed for the third year of study unless he has completed all the courses prescribed for the first year of study and at least three courses for the second year of study.

(3) Except by permission of the Senate, a student in any year of study may not register for more courses than the number indicated in the appropriate curriculum in the Schedule; Provided that in the second or third year he may take one course in excess of the maximum if it is a course in which he previously failed and provided further that no additional provision be made on the timetable to accommodate such course.

School Visits and Practice Teaching

E.36 (1) Two weeks before the beginning of the second academic year (preferably the first two weeks of February) shall be devoted to school visits.

(2) Two weeks during the first semester and two weeks during the second semester of the third academic year shall be devoted to practice teaching.

Examination

E.37 (1) In order to complete a course in a subject offered in a Faculty other than Education, a student shall comply with the rules of the Faculty concerned.

(2) In order to complete a course in a subject offered in the Faculty of Education, a student shall comply with the general rules for the degree of bachelor, except where otherwise indicated.

(3) The examination in both the Method courses shall include a practical teaching visual Aids, Microteaching, School Hygiene, School Administration and one of the following practical subjects:

(4) The examination in Professional Studies shall include assessment in Audio-visual Aids, Microteaching, School Hygiene, School Administration and one of the following practical subjects:

- (i) Physical Training.
- (ii) Music and Choral Singing.
- (iii) Fine Arts.

(5) Medium courses will be offered in Xhosa, Southern Sotho, Afrikaans and English. The examination in these courses shall be both oral and written. A student shall

*See Schedule after rule E40.

pass (in the Lower grade) if he obtains an aggregate of 50% with a sub-minimum of 40% in each of the two parts. A candidate who obtains an aggregate of 60% with a sub-minimum of 50% will be awarded a pass in the Higher Grade.

The examination in at least one Medium course must be passed in the Higher Grade.

E.38 (1) A student who fails a first or second year course may be admitted to a supplementary examination in that course, if he complies with the rules of the Faculty offering the course.

(2) A student who fails a third year course may be admitted to a supplementary examination in that course, provided he has obtained:—

- (a) a year mark of at least 50%;
- (b) an average of at least 45% for the year mark and examination combined; and
- (c) the pass mark in at least two other courses at the same examination;

Provided that these requirements may be waived in the case of a single course which is the final requirement for the Diploma, on condition that the student presented himself for the ordinary examination.

(3) A student who fails to obtain the pass mark in a Method course, may not present himself for re-examination before the end of the ensuing academic year: Provided that a candidate who obtains the pass mark but fails to obtain the prescribed sub-minimum in one or both of the practical teaching tests may present himself for re-examination in such tests or tests late in the first semester of the ensuing academic year, and shall until then retain credit for the theoretical part of the examination.

(4) A supplementary examination in the language medium tests shall not be held before May of the ensuing year.

Exemptions

E.39 (1) A student may be exempted from the practical requirements in School Hygiene if he can produce a recognized certificate of the Red Cross or the St. John's Ambulance.

(2) A Student who at Matriculation level did not take a Bantu Language in which a medium course is offered at this University may be exempted from the vernacular medium test on condition that he takes English and Afrikaans as media and passes at least one of them in the Higher Grade.

Distinction

E.40 A student who obtains, in the second course of any subject or in a Method subject, the standard laid down by the Senate, shall be awarded a pass with distinction in that subject.

SCHEDULE TO PARAGRAPH E.34

1. First Year:

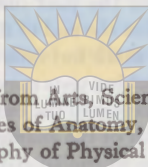
A minimum of FOUR and maximum of FIVE subjects:

1.1. Arts:

Afrikaans I	Latin I
English I	Biblical Studies I
A Bantu Language I	Library Science I
History I	Geography I
Musical Studies (Prel.)	

(NOTE: At least ONE language is compulsory but not more than THREE languages may be taken.)

- 1.2. *Science :*
 - Mathematics I.
 - Physics I.
 - Chemistry I.
 - Botany I and Zoology I.
- 1.3. *Economic Sciences :*
 - Economics I.
 - Business Economics I.
 - Accounting I.
 - Industrial Psychology I/Commercial Law I.
 - a Language.
- 1.4. *Fine Arts :*
 1. English I/Afrikaans I/Bantu Language I.
 2. History of Art I.
 3. Painting I.
 4. Anthropology I.
 5. Design I.
- 1.5. *Physical Education :*
 1. Any school subject from Arts, Science or Commerce.
 2. Elementary Principles of Anatomy, Physiology and Health.
 3. History and Philosophy of Physical Education.
 4. Training Aids.



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2. Second Year:

- 2.1. *Arts :*
 1. Education I.
 - 2 & 3 A second course in two of the subjects taken in the first year or Musical Studies I.
- 2.2. *Science :*
 1. Education I.
 2. Botany I or Zoology I.
 3. Mathematics II or Mathematics IB.
 4. Chemistry II/Physics II/Botany II/Zoology II.
- 2.3. *Economic Sciences :*
 1. Education I.
 - 2 & 3 A second course in two of Business Economics, Economics and Accounting.
- 2.4. *Fine Arts :*
 1. Education I.
 2. History of Art IIA.
 3. Design I/Sculpture I (May take both).
 4. Professional Studies.
- 2.5. *Physical Education :*
 1. Education I.
 2. School subject: Second course.
 3. Organization and Administration of Sports and Physical Education.

3. Third Year:**3.1. Arts:**

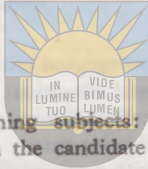
1. Education II.
- 2 & 3. Method of teaching subjects (History and Geography combine for Social Studies).
4. One of Physical Education, Music and Singing, Fine Arts.
5. Media.
6. Professional Studies.

3.2. Science :

1. Education II.
- 2 & 3. Method of teaching subjects: Biology/Physical Science or Mathematics
4. Professional Studies.
5. One of Physical Education, Music and Singing, Fine Arts.
6. Media.

3.3. Economic Sciences :

1. Education II.
- 2 & 3. Method of teaching subjects: Economics/Accounting/Typing (If typing is to be taken the candidate must have a typing proficiency of 20 w.p.m.)
4. One of Physical Education, Music and Singing, Fine Arts.
5. Media.
6. Professional Studies.



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3.4. Fine Arts :

1. Education II (Special course: Fine Arts).
- 2 & 3. Special method of the language and of Art.
4. History of Art IIB.
5. Painting II/Design II/Sculpture II.
6. Media.

3.5. Physical Education

1. Education II (Special Course: Physical Training).
- 2 & 3. Method of School Subject and of Physical Training.
4. Media.
5. Professional Studies.

SYLLABI

DEPARTMENT OF PHILOSOPHY AND HISTORY OF EDUCATION

PHILOSOPHY OF EDUCATION

Bachelor's Examination (B.Ed.)

(One paper)

1. Knowledge of the content of the U.E.D. syllabus is a prerequisite with special reference to pedagogics as a science:
 - 1.1. Definition of a science.
 - 1.2. The scientific character of pedagogics.
 - 1.3. Sub-disciplines.
 - 1.4. Methods of research.
 - 1.5. Relation to other sciences.
2. Pedagogical categories and pedagogical criteria.
3. Philosophical anthropology and education:
 - 3.1. The origin, essence and destiny of man.
 - 3.2. Being-a-child as a mode of being-man.
 - 3.3. Educational implications with a special reference to:
 - 3.3.1 The meaning and aim of education.
 - 3.3.2 The educand.
 - 3.3.3 The educator.
 - 3.4. Adulthood as the aim of education.
4. Educational Ethics:
 - 4.1. The difference between ethics and morals.
 - 4.2. The origin and authority of moral values.
 - 4.3. Moral education and conscience.
 - 4.4. Character as an aim of education.
5. Culture and education:
 - 5.1. Theories of culture.
 - 5.2. Culture in primitive and modern societies.
 - 5.3. Education and cultural change.
 - 5.4. Education and discontinuity.
 - 5.5. Curriculum and educator in cultural perspective.
6. Education, truth and the problem of diversity of point of view:
 - 6.1. The nature of truth.
 - 6.2. The diversity in theories of education.
 - 6.3. Justification of particular views.
 - 6.4. Pedagogics and the diversity.
7. Systems in the philosophy of education with typical representatives of each:
 - 7.1. Theism: Roman Catholic, Protestant, non-Christian.
 - 7.2. Idealism
 - 7.3. Scientism: Realism, naturalism, pragmatism, communism.
 - 7.4. Existentialism and Phenomenology.
8. A critical evaluation of the educational ideas of a twentieth century educationist.

University Education Diploma

(One paper)

1. Introduction: The field and method of research in pedagogics:
 - 1.1. Difference between natural and human sciences.
 - 1.2. The scientific character of pedagogics.
 - 1.3. The part disciplines of pedagogics and their relation to one another.
 - 1.4. Methodological approach in pedagogic research.
 - 1.5. The relation to fringe disciplines: philosophy, psychology, sociology, ethics and theology.
 - 1.6. The autonomic character of pedagogics as a human science.
2. The phenomenon education:
 - 2.1. Training, teaching, education and pedagogics.
 - 2.2. Conditions for education.
 - 2.3. Characteristics of education.
3. Axiological aspects: The aims of education:
 - 3.1. Criteria for aims of education
 - 3.2. Classification of aims
 - 3.3. Mediate aims:
 - 3.3.1. physical.
 - 3.3.2. Emotional
 - 3.3.3. Intellectual.
 - 3.3.4. Social (including language).
 - 3.3.5. Historical (with special reference to culture).
 - 3.3.6. Economic.
 - 3.3.7. Aesthetic.
 - 3.3.8. Ethical.
 - 3.3.9. Religious.
 - 3.4. Ultimate aim: Adulthood as normative aspect.
 - 3.5. The relation between the aims of education and the philosophy of life.
4. The educand:
 - 4.1. A pedagogical image of the child.
 - 4.2. Education as assistance and guidance.
5. The educator and educational bodies:
 - 5.1. The parent (Home).
 - 5.2. The teacher (School).
 - 5.3. The minister (church)
 - 5.4. The boarding master (hostel).
 - 5.5. Sports and societies.
6. The necessity, possibility and limits of education:
 - 6.1. The necessity of physical education.
 - 6.2. The necessity of social education.
 - 6.3. The necessity of religious education.
 - 6.4. The educability of man.
 - 6.5. Limits in time, aptitude, environment and human nature.
7. The means of education:
 - 7.1. Means and their application.
 - 7.2. Authority.
 - 7.3. Punishment.



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- 7.4. Cultural norms.
- 7.5. The relation between means and aims of education.
8. Authority and freedom in education:
- 8.1. An introduction to the problem of human freedom, with special reference to the child.
- 8.2. The nature and origin of authority and its relation to discipline.
- 8.3. Educational punishment.
9. A general survey of the trends of thought in pedagogics:
- 9.1. Scientism (Realism, Naturalism, Pragmatism).
- 9.2. Idealism.
- 9.3. Theism, (Roman Catholic, Protestant and non-christian).
- 9.4. Existentialism and phenomenology.

Education I: Philosophy of Education

(Paper I, Section A)

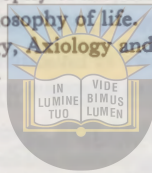
1. A brief introduction to pedagogics as a science.
2. The phenomenon education:
 - 2.1. Training, teaching, education and pedagogics.
 - 2.2. Conditions for education.
 - 2.3. Characteristics of education.
3. The aims of education:
 - 3.1. Criteria for aims of education.
 - 3.2. Classification of aims.
 - 3.3. Mediate aims:
 - 3.3.1. Physical.
 - 3.3.2. Emotional.
 - 3.3.3. Intellectual.
 - 3.3.4. Social (including language).
 - 3.3.5. Historical (with special reference to culture).
 - 3.3.6. Economic.
 - 3.3.7. Aesthetic.
 - 3.3.8. Ethical.
 - 3.3.9. Religious.
 - 3.4. Ultimate aim: Adulthood as normative aspect.
 - 3.5. The relation between the aims of education and the philosophy of life.
4. The educand:
 - 4.1. A pedagogical image of the child.
 - 4.2. Education as assistance and guidance.

Education II: Philosophy of Education

(Paper 1, Section A)

1. The necessity, possibility and limits of education:
 - 1.1. The necessity of physical education.
 - 1.2. The necessity of social education.
 - 1.3. The necessity of religious education.

- 1.4. The educability of man.
- 1.5. Limits in time, aptitude, environment and human nature.
2. The educator and educational bodies:
 - 2.1. The parent (home)
 - 2.2. The teacher (school)
 - 2.3. The minister (church)
 - 2.4. The boarding master (hostel)
 - 2.5. Sports and Societies.
3. The means of education:
 - 3.1. Means and their application.
 - 3.2. Authority.
 - 3.3. Punishment.
 - 3.4. Cultural norms.
 - 3.5. The relation between means and aims of education.
4. The relation between philosophy of life and education.
 - 4.1. The foundation of a philosophy of life.
 - 4.2. Cosmology, Anthropology, Axiology and Ethics.
 - 4.3. The theory of education.
 - 4.4. Educational practice.



Education III
 University of Fort Hare
(Paper I: Section A)
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1. The field and method of research in pedagogics:
 - 1.1. Difference between natural and human sciences.
 - 1.2. The scientific character of pedagogics.
 - 1.3. The part disciplines of pedagogics and their relation to one another.
 - 1.4. Methodological approach in pedagogic research.
 - 1.5. The relation to fringe disciplines: philosophy, psychology, sociology, ethics and theology.
 - 1.6. The autonomic character of pedagogics as a human science.
2. Authority and Freedom in education:
 - 2.1. An introduction to the problem of human freedom, with special reference to the child.
 - 2.2. The nature and origin of authority and its relation to discipline.
 - 2.3. Education for freedom.
3. Discipline and punishment:
 - 3.1. The difference between discipline and punishment.
 - 3.2. The criteria for educational punishment.
 - 3.3. Conditions of application.
 - 3.4. Different forms of educational punishment.
4. A general survey of trends of thought in pedagogics:
 - 4.1. Scientism (Realism, Naturalism, Pragmatism).
 - 4.2. Idealism.
 - 4.3. Theism, (Roman Catholic, Protestant and non-Christian).
 - 4.4. Existentialism and phenomenology.

HISTORY OF EDUCATION

Bachelor's Examination (B.Ed.)

(One paper)

1. The theoretical and methodological foundations of History of Education as a part-discipline of pedagogics.
2. A brief review of the History of Education in Europe during the 18th and 19th centuries, with special reference to its influence on South Africa.
3. Underlying trends in the development of education in the Cape Province (with special reference to Ciskei and Transkei) during the 19th and 20th centuries.

University Education Diploma (U.E.D.)

(One paper)

Part 1: European

1. An introduction to the History of Education as a Science.
2. The salient features of ancient education with special reference to either Greek or Roman education.
3. Christian education and the Middle Ages.
4. Renaissance and Reformation.
5. The main trends in European education during the 18th and 19th centuries as influencing education in South Africa.

Part 2: South African

6. Bantu traditional education.
7. Education as influenced by the Dutch, with special reference to the period 1803-1806.
8. Missionary Education.
9. Education, the State and the policy of Anglicization (1806-1910).
10. Brief review of education in the Cape Province, 1910-1960. (A comparative study emphasizing underlying trends).

Education I: History of Education

Part 1: European

1. An introduction to the History of Education as a science.
2. The salient features of ancient education with special reference to either Greek or Roman education.
3. Christian education and the Middle Ages.

Part 2: South African

4. Bantu traditional education.
5. Education as influenced by the Dutch, with special reference to the period 1803-1806.
6. Missionary Education.

Education II: History of Education**Part I: European**

1. Renaissance and Reformation.
2. 18th century European education and main trends related to South Africa.

Part 2: South African

3. Education, the State and the policy of Anglicization (1806-1910).

Education III: History of Education**Part I**

1. A study of History of Education as a part-discipline of pedagogics: its field and methods of study.

Part II: European

2. The main trends in European education in the 19th century as influencing South African education.

Part III: South African

3. Education in the Cape Province, 1910-1960.
A comparative study emphasizing underlying trends.

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DEPARTMENT OF EMPIRICAL EDUCATION AND ORTHOPEDAGOGICS**Bachelor's Examination (B.Ed.)****General Empirical Education**

(One paper)

1. A general paper of an advanced nature covering:
 - 1.1. The scope and methods of investigation of Empirical Education.
 - 1.2. Critical review of the aim, basic principles, methods and findings of the different psychological trends and their value for Empirical Education.
 - 1.3. Individual and racial differences.
 - 1.4. Nature and nurture.
 - 1.5. Studies in the emotions and the practical application of the findings.
 - 1.6. Laws of learning and the various types of learning.
 - 1.7. The sentiments, temperament and character.
 - 1.8. Child and adolescent psychology.
 - 1.9. Psychological problems and phenomena and their application in education and teaching.

Special Empirical Education

(One paper)

1. Phenomena which have been investigated experimentally:
Learning, fatigue, intelligence, knowledge, development of mental capacities.
2. Special problems such as: Feeble-mindedness, backwardness, giftedness, genius, delinquency and educational retardation.

3. Measurement of personality development: Different aspects thereof, e.g. attitudes, interests, aptitudes, etc.
- 4.1. Difference between neuroses and psychoses.
- 4.2. A study of only those neuroses frequently found in children.
5. Statistical analysis and the principle of experimental work in connection with the investigation of educational problems.
6. Principles of vocational guidance.

The candidate will be expected to show proof of practical acquaintance with the methods of experimental psychology and their application to problems of education such as—

- measurement of intelligence;
- measurement of achievement;
- fatigue, etc.

University Education Diploma (U.E.D.)

(One paper)

1. The scope and methods of empirical education.
2. Contribution of modern trends.
3. Cognitive functions such as attention, memory and thinking.
4. Emotion, sentiment, temperament and character.
5. Impulses and the motivation in behaviour.
6. Introduction to child psychology, including the adolescent.
7. Adjustment; behaviour deviations; the young delinquent.
8. The intellect: measurement of intelligence; individual differences, the backward child and the gifted child.
9. Psychology of Learning.
10. Educational measurement.
11. Forgetting, fatigue, transfer of training.
12. Abnormal phenomena (only in school).
13. Guidance.
 - 13.1. Teaching guidance.
 - 13.2. Personality guidance.
 - 13.3. Vocational guidance.

Education I

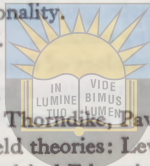
1. Nature and Scope of Empirical Education and its relationship to Psychology.
2. The Place of Empirical Education among the disciplines of Pedagogics.
3. The Learner:
 - 3.1. The process of human growth.
 - 3.2. The development of Physical and Sensori—motor abilities.
 - 3.3. The development of language.
 - 3.4. The development of emotions and social relationships.
 - 3.5. The development of cognitive functions: perceptions and thinking.
4. The Learning Process:
 - 4.1. The concept of school readiness.
 - 4.2. The nature and types of learning.
 - 4.3. The factors that promote and impede learning: attending, remembering, forgetting, fatigue and motivation.

Education II

1. The Learner:
 - 1.1. Attitudes and Interests.
2. The Individual's Potentialities.
 - 2.1. Nature versus nurture.
 - 2.2. Concept of Intelligence.
 - 2.3. Theories of Intelligence.
 - 2.4. Determinants of Intelligence.
 - 2.5. Measurement of Intelligence.
3. The Individual's Personality:
 - 3.1. The Concept of Personality.
 - 3.2. Theories of Personality.
 - 3.2.1. Psycho-analytic approach.
 - 3.2.2. Client-centred approach.
 - 3.3. Measurement of Personality.
 - 3.4. Individual differences.
4. The Learning Process:
 - 4.1. Theories of Learning.
 - 4.1.1. S-R theories: Thorndike, Pavlov, Skinner.
 - 4.1.2. Cognitive—field theories: Lewin, van Parreren.
5. Contemporary trends in Empirical Education.
 - 5.1. Phenomenology.
 - 5.2. Gestalt.
 - 5.3. Thought Psychology.
 - 5.4. Neo-Freudian Approaches.
6. Guidance
 - 6.1. Teaching guidance.
 - 6.2. Personality guidance.
 - 6.3. Vocational guidance.

Education III

1. Contemporary Studies of Intelligence.
 - 1.1. Problem solving and concept attainment. Piaget, Bruner etc.
 - 1.2. Creativity and Intelligence.
 - 1.3. Cultural deprivation and Intelligence.
2. Contemporary studies of learning.
 - 2.1. Nature and causes of learning difficulties.
 - 2.2. Transfer of learning.
 - 2.3. Counselling and Guidance.
3. The Child/Adolescent in Contemporary Society.
 - 3.1. Problems of adjustment in childhood and adolescence: family and extra-familial factors.
 - 3.2. Insecurity.
 - 3.2. School phobia and Under-achievement.



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4. The Exceptional Child:
 - 4.1. Feeble-mindedness.
 - 4.2. Giftedness.
 - 4.3. Maladjustment and delinquency.
 - 4.4. Scholastic retardation.
5. Pedodiagnosics and Pedo-therapy.

DEPARTMENT OF GENERAL DIDACTICS AND COMPARATIVE EDUCATION

Bachelor's Examination (B.Ed.)

General Didactics

(One paper)

General didactics as a scientific study.

The following themes taken from didactical-pedagogical problematics: the teacher; the school child; the curriculum; didactic principles; evaluation; research; orthodidactics. Language as teaching and learning medium.

Language as teaching and learning medium.

The didactic implications of psychology of thought and certain learning theories.

Modern teaching technology and its didactic implications.

Didactical aspects of the encounter of indigenous and European education in South Africa.

Comparative Education

(One paper)

Subject philosophy: its foundations and place

Comparative education as a science: aims, value, methods and scope

The nature and determining influences of educational systems

The relationship between the school and other social institutions.

The educational system and its historical roots

The influence of the following on the educational system: religion, culture, social structure, demographic factors, economics, nationalism.

Planning of the educational system

Comparison of a few aspects of certain European Systems with those of Transkei and Ciskei.

University Education Diploma (U.E.D.)

General Didactics

(One paper)

The importance of the study of didactics for the teacher

Components of the didactic situation

General didactic principles

General methods used in teaching

Lessons and lesson planning

Teaching and learning media

Evaluation

Basic orientation in Orthodidactics

New approaches in general didactics

Comparative Education

(One Paper)

- The educational system: its nature and determining influences
- The South African system: racial classifications
- The South African system: a general comparison with at least two other systems
- A comparison of a few aspects of the South African system with those of at least two neighbouring states and an interpretation of differences.
- The educational systems of Transkei and Ciskei.

Education I: General Didactics

- The pedagogical basis of didactics
- Components of the didactic situation
- The school as formal teaching institution: Pre-primary, primary and secondary schools
- Teaching methods
- Teaching strategies: team teaching, micro-teaching, E.T.V., etc.



Education II: Part One: General Didactics

- General didactic principles *Together in Excellence*
- Types of lessons and lesson planning
- Measurement and evaluation in education

Part Two: Comparative Education

- The educational system: its nature and determining influences.
- The South African system: Whites, Blacks, Coloureds, Indians.

Education III: Part One: General Didactics

- The didactic implications of thought psychology and of certain learning theories.
- Orientation in Orthodidactics
- Didactic research
- Recent research and approaches in didactics

Part Two: Comparative Education

- The South African system: a general comparison with at least two other systems;
- A comparison of a few aspects of the South African system with that of at least two neighbouring states and an interpretation of differences.
- The educational systems of Transkei and Ciskei.

DEPARTMENT OF TEACHING SCIENCE

U.E.D., H.S.T.D., B.PED.

Method of Teaching Subjects:

The aims and nature of the subject.

Current trends in teaching the subject with reference to developments in other countries.

Critical evaluation of current syllabuses.

Methods of teaching, related to the nature of the subject and the requirements of the syllabus.

Lesson design and course planning.

Strategies for teaching various aspects of the subject.

The design and use of resources and materials.

Assessment and evaluation procedures.

Laboratory/studio/workshop procedures (where applicable).

Ideas gained theoretically during the course will be applied critically during micro-teaching and teaching practice.

B.PED. Major Method Syllabus

1. The aims, nature and philosophical background of the subject.

2. Current research and trends in teaching the subject with reference to developments in other countries.

3. Critical study and evaluation of syllabuses with reference to current research and curriculum development. In depth study of the content of the current syllabuses

4. Methods of teaching related to the nature of the subject, requirements of the syllabuses and differentiated education.

4.1. Lesson design and course planning.

4.2. Strategies for teaching various aspects of the subject.

4.3. The design and use of resources and materials.

4.4. Assessment and evaluation procedures.

5. Laboratory/Studio/Workshop procedures (where applicable).

Candidates will be expected to submit a project on the design and development of curriculum materials for the major high school teaching subject.

Ideas gained theoretically during the course will be applied critically during micro-teaching and teaching practice.

Professional Studies**1. Audio-visual aids**

Introduction to Audio-visual Aids. The functions and practical applications of selected audio-visual Aids with particular reference to the high school classroom.

2. School Hygiene

Functions of the human body

musculo-skeletal system; circulatory system; respiratory system; digestive system; excretory system; endocrine system; nervous system. Only in so far as they influence the healthy state of the body.

Dietetics

food elements—proteins, carbohydrates, fats, calcium, iron, vitamins, nature of the elements, food sources thereof, effects of deficiency.

Hygiene

Personal hygiene; communal hygiene; infections; diseases; including those effecting children and the exclusion of those effected; water supplies; organisation of school health services.

First Aid

Wounds and wound treatment; fractures and dislocations; burns and scalds; artificial respiration; departmental regulations governing periods of isolation for infections and contagious diseases.

3. *School Administration*

Broad principles of educational administration, including a consideration of the nature and scope of educational administration; the school as an educational institution; levels of education; classification of schools; and curriculum construction.

The structure and control of education in South Africa, with special reference to Black Education: Central and provincial control of education before 1954.

Structure of control of Bantu Education.

Local control of education in the Homelands.

School administration: a Study of administrative procedure including the following:

Conditions of service and the professional status of teachers.

Duties of the school principal and assistant teachers.

Admission and withdrawal of pupils.

Assessment, promotion and retardation of pupils.

Certification.

School records and administrative routines.

4. *Microteaching.***Higher Secondary Teachers' Diploma (Fine Art).****H.S.T.D. (Fine Art)***Education II (Special) (Two Papers)*

1. History of Art Teaching.
2. Art media in Art Teaching.
3. Introduction to aesthetics.

History of Art I (One Paper).

- Prehistoric art
- Egyptian art.
- Greek and Roman art.
- African art.

History of Art IIA. (One Paper)

- Medieval Art.
- Renaissance.
- Seventeenth and eighteenth century art.

History of Art IIB. (One Paper)

- 19th and 20th centuries.
- Contemporary art in South Africa.
- Primitive art (excluding Africa).

PHYSICAL EDUCATION

(A three-year course for H.S.T.D. students.)

*First year :***Elementary Principles of Anatomy, Physiology and Health****1. Elementary Principles of Anatomy and Physiology**

- (a) Introduction—role of anatomy and physiology in physical education.
- (b) Cells, tissues, organs and systems.
- (c) Structure of the tissues.
- (d) Bones of the body.
- (e) Joints or articulations—kinds, location, movement at joints.
- (f) Muscles—physiology of contraction, location, functions and levers.
- (g) Posture.
- (h) Nervous system.
- (i) Respiratory system.
- (j) Alimentary tract.
- (k) Endocrine glands.
- (l) Heart and circulation.
- (m) The role of competitive sports in physical education.

2. Health

- (a) Introduction—definition of health, desirability of health, education for health, inculcating habits.
- (b) Personal hygiene.
- (c) Mental health.
- (d) Exercise and rest.
- (e) Drinking, smoking and drugs.
- (f) Nutrition.
- (g) Water.
- (h) Air, ventilation, heating and light.
- (i) Diseases.
- (j) How health instruction and physical education work together.



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History and Philosophy of Physical Education

1. Meaning and significance of Philosophy of Physical Education.
2. Factors influencing Philosophy or Physical Education.
3. History of Physical Education.
 - (a) Physical Education in a primitive society.
 - (b) Ancient Middle Eastern and Oriental countries.
 - (c) The Hebrews.
 - (d) The Greeks.
 - (e) The Homeric people.
 - (f) The Spartans.
 - (g) The Athenians.
 - (h) The Romans.
 - (i) The Middle Ages.
 - (j) The Renaissance and Reformation.
 - (k) Early modern and modern times.

4. Paper—research towards one's personal philosophy of Physical Education to include:

- (i) Initial aim of Physical Education for the pupil.
- (ii) Methods, activities and objectives.
- (iii) Eventual outcome and results.

Training Aids and Sports Injuries: Care and Prevention

- (a) Feet, ankles and blisters.
- (b) Open wounds.
- (c) Pulled muscles, bruises and sprains.
- (d) The knee.
- (e) Shoulder, back and arm.
- (f) Rehabilitation and conditioning.
- (g) Emergency decisions.
- (h) Nutrition.
- (i) Skin problems.
- (j) General health and safety.

Biology of Physical Activity

Unit 1. Orientation to exercise

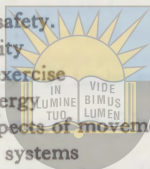
Unit 2. Muscles and energy

Unit 3. Neurological aspects of movement

Unit 4. Energy support systems

Unit 5. Applied biology of physical activity

Practical work is included.



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Second year :

Organisation and Administration of Sports and Physical Education

- (a) The nature of administration.
- (b) Objectives of physical education programmes.
- (c) The processes of administration.
- (d) Significance of staff and factors affecting teacher morale.
- (e) Physical education facilities.
- (f) Inter-school sports programmes.
- (g) Intra-mural sports.
- (h) Student leaders in physical education.
- (i) Budget making and finance.
- (j) Purchase and care of equipment.
- (k) Public relations in physical education.
- (l) Office management.
- (m) Evaluation in administration.

Practical work is included.

Third year :

Measurement and Evaluation in Physical Education

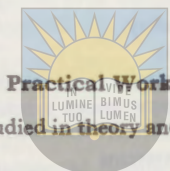
- (a) The place of measurement and evaluation.
- (b) Statistical tools in evaluation.
- (c) Reliability, validity and objectivity.
- (d) General motion ability and performance.

- (e) Evaluating physical fitness.
- (f) Evaluating skill achievement.
- (g) Using knowledge tests.
- (h) Evaluating student achievement.

Teaching Physical Education

- (a) Physical education and the education process.
- (b) Teaching models and theories.
- (c) An overview of the systems approach.
- (d) Behavioural domains.
- (e) Instructional analysis and performance objectives.
- (f) Learning conditions and applications.
- (g) Using media.
- (h) Applying instructional materials and procedures.
- (i) The revision process.

Practical work is included



The following activities are studied in theory and practice over the three years:

1. Group fitness.
2. Individual and dual sports:
 - (a) Gymnastics.
 - (b) Eurythmics (women only).
 - (c) Athletics.
 - (d) Tennis.
 - (e) Badminton.
 - (f) Boxing (men only).
 - (g) Swimming.
 - (h) Weight training (men only).
3. Team sports:
 - (a) Rugby (men).
 - (b) Soccer (men).
 - (c) Cricket (men).
 - (d) Basketball.
 - (e) Volley ball.
 - (f) Hockey.
 - (g) Netball (women).
4. Games and large group activities.
5. Recreation and leisure time.

DEPARTMENT OF MUSIC
Bachelor of Pedagogics (B.Ped.)
Music and Musical Education
Course I

(a) The Language of Music.

(Two Papers)

Introduction to the 3 elements of the language of music:
 Rhythm, Melody and Harmony.

Rhythm.

A brief survey of rhythm and rhythmic notation in tonic sol-fa. Accented and unaccented pulses. Two-pulse, Three-pulse and Four-pulse measures. One-, Two-, Three and Four-pulse notes. Half-pulse and Quarter-pulse notes. Silent pulses (rests). Introduction to rhythmic staff notation. Staff symbols for notes and rests. English and German-American note and rest names. Dotted and tied notes time signatures for Simple Duple, Triple and Quadruple times. Use of rhythmic staff notation side by side with rhythmic and melodic sol-fa notation. Transcription from rhythmic sol-fa to staff notation and vice versa.

Melody.

The "Doh-ladder" (Major scale) and its steps. Whole-tones and half-tones (semitones). The oldest known scale, the Pentatonic (Five-tone) Scale, the traditional scale used in indigenous African music. The Diatonic (seven-tone) Major scale, its intervals and scale degree names. Introduction to melodic staff notation. The staff (stave): lines, spaces and ledger lines. Relative and absolute pitch. The Treble or C clef. The C-major scale and its note names. Chromatic notes in C-major: F-sharp and B-flat (fe and ta in sol-fa). Modulations to the keys of the dominant (G major) and the subdominant (F major). Key signatures. The scales of G major and F major. The LAH mode or natural minor scale; Harmonic and Melodic minor scales in sol-fa notation. The A minor scales in staff notation. Characteristic intervals of the minor-scales. Scale degree names. Relative keys, the scales of E minor and D minor. The Bass of F clef.

Harmony.

The Primary chords of the major scale. The Primary chords of the minor scale. Latent harmony.

Form.

The elements of musical forms: Two- and four-bar phrases; eight-bar sentences. Cadences. Composition of short pentatonic, major and minor tunes.

(b) Introduction to History and Appreciation of Music.

(One Paper, one oral)

The origin of music. Cultmusic and folk music, songs and dances. The beginnings of Western (European) art music: Music of the Medieval Christian Church. The influence of church music and folk music on art music. "Light music" of the classical and Romantic periods. The instruments of the orchestra. Haydn and Mozart: Their life and work.

Course II

(a) The Language of Music (Two Papers)

Rhythm.

Sol-fa: Six pulse measure in slow and quick time. Nine-pulse and Twelve-pulse measures. Staff: Compound Duple, Triple and Quadruple times. Time signatures of compound times. Triplets in simple times. Syncopation.

Melody.

The major scales of D, A, E, B, B-flat, E-flat, A-flat and D-flat, and their relative minor keys. The sixth sharp (F \sharp major) and the sixth flat (G \flat major) keys meet, i.e. F-sharp equals G-flat. The cycle of fifths. Enharmonic change. Chromatic signs: Double sharp and double flat. The chromatic scale.

Harmony.

Harmonization of the Major scale. Major, minor and diminished triads. Harmonic Functions. Root position and inversions of Primary and Secondary chords. Writing in four parts. Cadences. Unessential notes: passing notes, suspensions, auxiliary- and bi-notes. The chord of the Dominant seventh: root position and inversions. Modulation to closely related keys. Harmonization of the Minor scales. The augmented triad. The diminished seventh chord. Modulation from minor keys to the Relative major keys and vice versa.

Form.

Binary and Ternary forms, Minuet and Trio, Rondo. Composition of short pieces for choir or piano.

(b) History and Appreciation of Music.

(One Paper, one oral)

The periods of Western Music: Renaissance—Baroque—Classical—Romantic—Modern.

The main forms of the Classical period: Sonata form, used in symphony, Concerto and chamber music. Opera, Oratorio and Church music. L. van Beethoven: His life and work. The "Classical Romantic": Franz Schubert. Miniature forms of the Romantic period: Lieder (German Songs) and short piano pieces. Chopin, Schumann and Brahms. The climax of the 19th Century opera: Verdi and Wagner. Operetta: Offenbach, Sullivan and the Strauss family.

Course III

(a) The Language of Music (Two papers, one practical)

Harmony.

Secondary seventh chords, The Neapolitan Sixth chord. Augmented sixth chords: Italian, French and German. Chromatic modulation.

Counterpoint. The five "species".

Composition. Sacred and secular pieces for choir.

Setting of folk songs for school choirs.

(b) History and Appreciation of Music

The Baroque period. The origin and development of opera and oratorio. Church music and Instrumental music. Monteverdi—Purcell—Bach—Handel: Life and work.

Practical Studies:

Course I

- Exam. 30 Min. { Principal practical subjects: *Pianoforte I* (single tuition). Minimum requirement for admission: a standard equivalent to Grade III of Unisa, Associated Board or Trinity College, *Singing I* (single tuition). Admission depends on quality of voice. 1 *Wind instrument of own choice* (group tuition).
- Exam. 15 Min. { Second practical subject: *Pianoforte I* (group tuition). Only for students who take *Pianoforte* as P.P.S.: *Singing I* or *Wind instrument I* (group tuition).
- No exam. { Ensemble work: *Choir I* Marks depending on class records.

Course II

- Exam. 30 Min. { Principal practical subjects: *Pianoforte II*, *Singing II*, *Wind instrument II*. (Students who have obtained a first class pass in *Wind instrument I* will receive single tuition).
- Exam. 15 min. { Second practical subject: *Pianoforte II* (students who have obtained a first class pass in *Pianoforte I* will receive single tuition). Only for students who take *Pianoforte II* as Principal Practical Subject: *Singing II* or *Wind instrument II* (Students who have obtained a first class pass in *Singing I* or *Wind Instrument I* will receive single tuition).
- No Exam. { Ensemble work: *Choir II*. Marks depending on class record.

Course III

- Exam. 30 Min. { Principal practical subjects: *Pianoforte III*, *Singing III*, *Wind instrument III*.
- Exam. 15 Min. { Second practical subject: *Pianoforte III*. Only for students who take *Pianoforte III* as Principal Practical Subject, *Singing III* or *Wind Instrument III*, OR the first course in wind instrument or singing.
- Exam. 15 min. { Third Practical subject: *Conducting and Choir Training I*.
- No Exam. { Ensemble work: *Choir III*. Marks depending on class record.

Higher Secondary Teachers' Diploma

Course I

(Three lectures per week)

(a) The Language of Music

(Two lectures per week).

(One paper, Three hours)

Introduction to the three elements of the language of music: Melody, Rhythm and Harmony in Sol-fa notation.

Melody. The "Doh-ladder" (Major scale) and its steps. The oldest known scale, the Pentatonic (Five tone) scale, the traditional scale used in indigenous African music.

Rhythm. Accented and unaccented pulses. Two-pulse and Three-pulse measures and their equivalent notes. Primary and Secondary Form. French time names.

Melody. Two-and four-bar phrases; Eight-bar sentences. Composition of Pentatonic tunes. The Diatonic (Seven-tone) scale, its Intervals and Scale degree names.

Rhythm. Four-pulse measure. The Half-pulse note. Silent pulses (rests). Introduction to rhythmic staff notation. Staff symbols for notes and rests. Time signatures: $\frac{2}{4}$, $\frac{3}{4}$ and $\frac{4}{4}$. Use of rhythmic staff notation side by side with melodic and rhythmic sol-fa notation.

Melody. Italian terms of Expression with regard to dynamics and speed. Transition to the first sharp and the first flat key. Return transition to the principal key.

Harmony. The Primary chords of the Major scale: DOH-chord (Tonic-chord) SOH-chord (Dominant chord) and FAH-chord (Subdominant chord). Latent harmony,

Melody. Introduction to melodic staff notation. The Staff (stave): lines, spaces and ledger lines. Relative and absolute pitch. The Treble or G clef. The C-major scale and its note names. Modulations to the keys of the dominant (G major) and the sub-dominant (F major). Transposition. Chromatic notes in C major: F-sharp and B-flat (fe and ta in sol-fa). Key signatures. The scales of G major and F major. Cadences.

Rhythm. Quarter-pulse notes. English and American note and rest names. Dotted and tied notes. Simple Duple, Triple and Quadruple times. Six-pulse measure in slow and quick time. Nine-pulse and Twelve-pulse measures. Compound Duple, Triple and Quadruple times.

Melody. The Bass or F clef. Minor scales. The LAH mode or natural minor scale; Harmonic and Melodic minor scales in sol-fa notation. The A minor scales in staff notation. Characteristic intervals of the minor scales. Relative keys. Scale degree names.

Harmony. The primary chords of the minor scale.

Rhythm. Triplets in simple times. Syncopation.

Composition of short major and minor tunes.

(b) Introduction to History and Appreciation of Music

(One lecture per week)

(One paper, Two hours)

The origin of music. Cultmusic and folk music, songs and dances. The beginnings of European (Western) art music: Music of the Medieval Christian Church. The influence of Church music and folk music on art music. A survey of European Music in the 18th and 19th centuries. "Light music" of the Classical and Romantic periods. The instruments of the Orchestra. Handel, Haydn, Mozart: Their life and work.

Course II

(Five lectures per week)

(a) The Language of Music

(Two papers, Two hours each)

(Three lectures per week)

The major scales of D, A, E, B, B-flat, E-flat, A-flat and D-flat, and their relative minor keys. Chromatic signs: Double sharp and double flat. Enharmonic change: the sixth sharp and the sixth flat keys meet, i.e. F-sharp equals G-flat. The cycle of fifths.

The elements of Musical Form. Composition of major and minor tunes. Transcription from sol-fa to staff notation and vice-versa. The chromatic scale.

Harmonization of the Major scale. Major, minor and diminished triads. Writing in four parts. Root position and inversions of Primary and Secondary chords. Harmonic Functions. Cadences. Unessential notes: passing notes, suspensions, auxiliary- and bi-notes. Arranging of folksongs for school choir (S.C. and S.S.C.). The chord of the Dominant seventh. Modulation to closely related keys. Harmonisation of the Minor scales. The augmented triad. The diminished seventh chord. Modulation from minor keys to the Relative major and vice versa. Secondary seventh chords. The Neapolitan Sixth chord. The chord of the Dominant Ninth. Augmented sixth chords; Italian, French and German. Chromatic modulation.

(b) **History and Appreciation of Music**

(Two lectures per week)

(One paper, Three hours)

The periods of Western Music	:	Renaissance—Baroque—Classical—Romantic— Modern.
<i>Renaissance.</i>	Main forms	: Motet and Madrigal
	Palestrina	: Life and work.
<i>Baroque.</i>	Main forms	: Prelude and fugue, concerto, Church Cantata, Oratorio, Opera.
	J. S. Bach	: Life and work
		: Origin and development of opera.
<i>Classical.</i>	Main forms	: Sonata, Symphony, String-quartet, Concerto Opera.
	Beethoven	: Life and work.
<i>Romantic.</i>	Main forms	: all those of the classical period.
	Miniature forms	: Lieder (songs) and short piano pieces.
	Schubert, Chopin, Brahms, Verdi, Wagner,:	: Their life and work.
<i>Modern.</i>	Debussy, Stravinsky, Bartok, Carl Orff:	: Their life and work.

Course III

(Four lectures per week)

(Two papers, Two hours each)

Paper I:

- I. Method of Language of Music.
- II. Method of History and Appreciation of music.

Paper II:

- I. Method of class singing and choir training.
- II. Method of the Principal practical subject.

Practical Work Courses I, II and III

Exam. 15 min. Principal practical subject: 1 wind instrument of own choice
(group tuition)

Exam. 10 min. Second practical subject: Pianoforte (group tuition)

No exam. Ensemble work: Choir and Windband. Marks depending on class record.

Faculty of Economic Sciences

INTRODUCTION

The Faculty of Economic Sciences offers courses toward the degrees B.Comm. and B.Admin. as well as post-graduate courses in various commercial and administrative subjects.

The following departments constitute the Faculty of Economic Sciences:

- Accountancy
- Business Economics and Co-operative Studies
- Economics
- Industrial Psychology.

Further subjects are presented towards the B.Comm. and B.Admin. degrees by departments or sub-departments from other faculties: Political Science, Public Administration, Statistics and Statistical Methods, Commercial Law, Social and Economic Legislation and Constitutional and Administrative Law.

A Degree in the above directions qualifies one for a wide variety of positions in Commerce and Industry as well as in Public Service. A great number of vacancies at present exist in these directions in metropolitan areas, border areas and homelands.

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RULES FOR DEGREES AND DIPLOMAS

N.B.—Prospective students for the degrees B.Comm. and B.Admin. are advised to take Commercial Matric as direction of study.

Regulations for Degrees and Diplomas in Economic Sciences

The following faculty rules are to be read in conjunction with the provisions of the Act, Statute, regulations and general rules.

C.1. The following degrees are granted in the Faculty:

In Commerce:

Bachelor of Commerce.....	B.Comm.
Bachelor of Commerce (Honours).....	B.Comm. (Hons.)
Master of Commerce.....	M.Comm.
Doctor of Commerce.....	D.Comm.

In Administration:

Bachelor of Administration.....	B.Admin.
Bachelor of Administration (Honours).....	B.Admin. (Hons.)
Master of Administration.....	M.Admin.
Doctor of Administration.....	D.Admin.

The following undergraduate diploma is granted in the Faculty:

Diploma in Commerce.....	Dip. Comm.
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THE DEGREE OF BACHELOR OF COMMERCE

Options

C.2. The degree may be obtained in any one of the following options:

- Accounting
- Economics
- Economics/Business Economics
- Management

Curricula

C.3. The curriculum for each of the different options shall be as set out hereunder:

Accounting

- | | |
|----------------------|--|
| <i>First year :</i> | 1. Accounting I |
| | 2. Commercial Law I |
| | 3. Business Economics I |
| | 4. Economics I |
| | 5. Statistics I or Statistical Methods |
| <i>Second year :</i> | 6. Accounting II |
| | 7. Commercial Law II |
| | 8. Business Economics II |
| | 9. Economics II |
| | 10. Administration of Estates |
| <i>Third year :</i> | 11. Accounting III |
| | 12. Commercial Law III |
| | 13. Business Economics III |
| | 14. Auditing |

Economics

- | | |
|----------------------|--|
| <i>First year :</i> | 1. Economics I |
| | 2. Business Economics I |
| | 3. Accounting I |
| | 4. Commercial Law I |
| | 5. Statistics I or Statistical Methods |
| <i>Second year :</i> | 6. Economics II |
| | 7. Business Economics II |
| | 8. Accounting II or Statistics II |
| | 9. Development Economics I |
| <i>Third year :</i> | 10. Economics III |
| | 11. Development Economics II |
| | 12. Business Economics III or Statistics III |

Economics/Business Economics

- | | |
|---------------------|--|
| <i>First year :</i> | 1. Economics I |
| | 2. Business Economics I |
| | 3. Accounting I |
| | 4. Commercial Law I |
| | 5. Statistics I or Statistical Methods |

- Second year :*
6. Economics II
 7. Business Economics II
 8. Accounting II
 9. Commercial Law II

- Third year :*
10. Economics III
 11. Business Economics III
 12. Accounting III

Personnel Management

- First year :*
1. Industrial Psychology I
 2. Business Economics I
 3. Economics I
 4. Accounting I
 5. Statistics I or Statistical Methods

- Second year :*
6. Industrial Psychology II
 7. Economics II
 8. Business Economics II
 9. Accounting II
 10. Commercial Law I

- Third year :*
11. Industrial Psychology III
 12. Business Economics III
 13. Retail Management or Co-operation or Applied Computer Science II

Language Requirements

C.4. A student shall attend one lecture per week in the language laboratory in a commercial language course, either in the first or second year of study for three quarters (approximately 20 hours): Provided that if he passes a proficiency test in the commercial language course before that time, he may be exempted from further attendance in the language laboratory.

Limitations on Registration for Courses

C.5. (1) A student in any year of study may take one course in excess of the number of courses prescribed for that year of study.

(2) A student shall not be permitted to take a second-year or a third-year course unless he has completed at least two of the courses prescribed for the first or the second year of study respectively: Provided that at least two third-year courses must be taken simultaneously in the third year of study.

(3) A student shall be deemed to be in his first year of study until he has obtained credit for at least three first-year courses, and in his third year of study when he has obtained credit for at least three second-year courses and is able to take at least two third-year courses simultaneously as prescribed by sub-paragraph (2) above; otherwise he shall be deemed to be in his second year of study.

(4) For the purposes of this paragraph a second-year course shall be deemed to be the final course but one, and a third-year course the final course, in any of the subjects listed in paragraph C.7.

Examinations

C.6. (1) A sub-minimum of 40% is laid down for every paper for first year courses, and 35% for second and third year courses, as prescribed in the curriculum concerned.

(2) A student will be admitted to a supplementary examination in a course in which he has failed, provided he has obtained:

- (a) a year mark of at least 50%;
- (b) an examination mark of at least 40%; and
- (c) the pass mark in at least two other courses at the same examination:

Provided that the above requirements may be waived if the course concerned is the last requirement for his degree and that he did in fact present himself for the examination therein.

Distinction

C.7. A student who obtains 75% of the marks in the final course in one of the following subjects shall be awarded a pass with distinction in that subject:

Accounting

Auditing

Business Economics

Commercial Law



Development Economics

Economics

Industrial Psychology

Statistics

THE DEGREE OF BACHELOR OF ADMINISTRATION*Together in Excellence***Options**

C.8. The degree may be obtained in either of the following options:—

Public Affairs

Personnel Management

Curricula

C.9. The curriculum for each of the two options shall be as follows:

Public Affairs*First year :*

1. Public Administration I
2. Political Science I
3. Economics I
4. Business Economics I
5. Accounting I

Second year :

6. Public Administration II
7. Political Science II
8. Economics II
9. Business Economics II
10. Interpretation of Statutes

Third year :

11. Public Administration III
12. Political Science III
13. One of the following:
 - Economics III
 - Constitutional and Administrative Law I

Personnel Management

- First year :*
1. Industrial Psychology I
 2. Public Administration I
 3. Economics I
 4. Business Economics I
 5. Statistics I or Statistical Methods

- Second year :*
6. Industrial Psychology II
 7. Public Administration II
 8. Economics II
 9. Business Economics II
 10. Political Science I

- Third year :*
11. Industrial Psychology III
 12. Public Administration III
 13. Social and Economic Legislation

Limitations on Courses

C.10. A student shall not be admitted to Public Administration III unless he has completed Political Science I or takes both courses concurrently.

Language Requirements

C.11. A student shall attend one lecture per week in the language laboratory in a commercial language course, either in the first or second year of study for three quarters (approximately 20 hours): Provided that if he passes a proficiency test in the commercial language course before that time, he may be exempted from further attendance in the language laboratory.

Limitations on Registration for Courses

- C.12. (1) A student in any year of study may take one course in excess of the number of courses prescribed for that year of study.
- (2) A student shall not be permitted to take a second-year or a third-year course unless he has completed at least two of the courses prescribed for the first or the second year of study respectively: Provided that at least two third-year courses must be taken simultaneously in the third year of study.
- (3) A student shall be deemed to be in his first year of study until he has obtained credit for at least three first-year courses, and in his third year of study when he has obtained credit for at least three second-year courses and is able to take at least two third-year courses simultaneously as prescribed by sub-paragraph (2) above; otherwise he shall be deemed to be in his second year of study.
- (4) For the purposes of this paragraph a second-year course shall be deemed to be the final course but one, and a third-year course the final course, in any of the subjects listed in paragraph C.14.

Examinations

- C.13. (1) A sub-minimum of 40% is laid down for every paper for first year courses, and 35% for second and third year courses, as prescribed in the curriculum concerned.

- (2) A student will be admitted to a supplementary examination in a course in which he has failed, provided he has obtained:
- a year mark of at least 50%;
 - an examination mark of at least 40%; and
 - the pass mark in at least two other courses at the same examination: Provided that the above requirements may be waived if the course concerned is the last requirement for his degree and that he did in fact present himself for the examination therein.

Distinction

C.14. A student who obtains 75% of the marks in the final course of one of the following subjects shall be awarded a pass with distinction in that subject:

Business Economics	Political Science
Economics	Public Administration
Industrial Psychology	

THE DEGREE OF BACHELOR OF COMMERCE (HONOURS)

(Please refer also to the Statute and the general rules for the honours degree of bachelor).

C.15. (1) The degree may be obtained in any one of the following subjects:—

Accounting
 Business Economics
 Economics
 Industrial Psychology
 Statistics

University of Fort Hare
Together in Excellence

A candidate may be required to satisfy the head of the department as to his ability to read and understand advanced technical literature of his subject in English and Afrikaans.

- The honours course shall extend over not less than one year of full-time study but, except for the honours course in Accounting, a candidate may, with the approval of the head of the department concerned, attend and complete the course in two successive parts, each extending over one academic year.
- A candidate may, with the approval of the head of the department concerned, attend the course as a part-time student over two academic years.*
- A candidate shall not be permitted to present himself for any part of the examination unless he has, in the opinion of the head of the department concerned, produced work of a satisfactory standard.
- In order to pass the examination, a candidate presenting himself for the whole examination during one examination period, must obtain an aggregate of at least 50% of the marks and a sub-minimum of 40% in every paper or course.
- In order to pass the examination, a candidate presenting himself for the examination in two parts must not only obtain an aggregate of at least 50%

*Lectures will be offered every alternate Saturday morning during the academic year (a total of approximately 14 lecture sessions).

but must also obtain 50% in each paper. This sub-paragraph does not apply to the Accounting course in view of sub-paragraph (2) above.

- (7) The degree shall be conferred with distinction on a candidate who obtains an aggregate of at least 75%.

Curriculum

C.16. (1) *Business Economics.*

Candidates for the degree of Bachelor of Commerce (Honours) in Business Economics have to complete FIVE written papers selected from group A and B below.

The composition of the five papers must be effected in consultation with the Head of the Department concerned. At least *three* papers from group A and at least *one* from group B, will be prescribed.

Group A.

- Paper 1: Advanced General Management.
 Paper 2: Advanced Marketing Management.
 Paper 3: Advanced Financial Management.
 Paper 4: Marketing Research.
 Paper 5: Sales Promotion.
 Paper 6: Advanced Production Management.
 Paper 7: Co-operation.

Group B.

- Paper 1: Economic Development and Growth.
 Paper 2: Ergonomics.
 Paper 3: A special subject from Public Administration.
 Paper 4: Advanced Management Accounting (provided the candidate has passed Accounting III).
 Paper 5: A special subject from Statistics.

(2) *Economics.*

Candidates for the degree of Bachelor of Commerce (Honours) in Economics shall complete FIVE written papers, of which the two papers in Group I and at least one paper selected from Group II shall be compulsory:

- Group I*
1. Value and Price Theory
 2. Income and Growth Theory
- Group II*:
3. Money and Banking
 4. Development Policy and Planning
 5. Business Cycles
 6. International Economics
 7. Public Finance
- Group III*:
8. National Accounting
 9. Demographic and Labour Problems
 10. A subject from the prescribed papers for the Honours degree in Business Economics
 11. Economic History
 12. Economic Thought
 13. Any other approved subject.

Note :—The selection of papers shall be done in consultation with the Head of the Department.

(3) *Industrial Psychology.*

Candidates for the degree of Bachelor of Commerce (Honours) in Industrial Psychology have to complete FIVE written papers. The written papers may be done in two parts. Part I comprises any *two* papers and Part II the remaining *three* papers.

Paper 1: Industrial Psychological Research Methods.

Paper 2: Ergonomics.

Paper 3: Consumer and Marketing Psychology.

Paper 4: Personnel Psychology.

Paper 5: Industrial Social Psychology.

Practical Work :

A report which deals with the prescribed practical work done by the candidate must be submitted in order to qualify for the Honours Examination. The report takes the form of an investigation preferably in industry, chosen in consultation with the head of the department.

(4) *Accounting*

(a) Candidates for the degree of Bachelor of Commerce (Honours) in Accounting Science have to complete the following FOUR papers:

1. Advanced Financial Accounting
2. Advanced Auditing
3. Advanced Management Accounting
4. Advanced Taxation

(b) Applied Computer Science II must be passed before the Honours degree in Accounting may be awarded.

(c) The examination for all papers will be written in February, except Applied Computer Science II which will be written in November.

THE DEGREE OF BACHELOR OF ADMINISTRATION (HONOURS)

(Please refer also to the Statute and the general rules for the honours degree of bachelor)

C.17. (1) The degree may be obtained in any one of the following subjects:—

Business Economics

Political Science

Economics

Public Administration

Industrial Psychology

A candidate may be required to satisfy the head of the department as to his ability to read and understand advanced technical literature of his subject in English and Afrikaans.

(2) The honours course shall extend over not less than one year of full-time study but a candidate may, with the approval of the head of the department concerned, attend and complete the course in two successive parts, each extending over one academic year.

(3) A candidate may, with the approval of the head of the department concerned, attend the course as a part-time student over two academic years.*

*Lectures will be offered every alternate Saturday morning during the academic year (a total of approximately 14 lecture sessions).

(4) A candidate shall not be permitted to present himself for any part of the examination unless he has, in the opinion of the head of the department concerned, produced work of a satisfactory standard.

(5) In order to pass the examination, a candidate presenting himself for the whole examination during one examination period, must obtain an aggregate of at least 50% of the marks and a sub-minimum of 35% in every paper.

(6) In order to pass the examination, a candidate presenting himself for the examination in two parts must not only obtain an aggregate of at least 50% but must also obtain 50% in each paper.

(7) The degree shall be conferred with distinction on a candidate who obtains an aggregate of at least 75%.

THE DEGREES OF MASTER OF COMMERCE AND MASTER OF ADMINISTRATION

C.18. Apart from the general rules applicable to Masters degrees the special rules of the Faculty apply.

(1) *The Degrees may be conferred in the following departments :*

M.Comm.: Accountancy, Business Economics, Economics, Industrial Psychology, Statistics.

M.Admin.: Business Economics, Economics, Industrial Psychology, Political Science and Public Administration.

(2) *Requirements to pass in Excellence*

If the examination for the degrees M.Comm. and M.Admin. consists of a prescribed number of papers, a candidate shall pass each examination if he attains at least 40% in each paper and an average of at least 50% for all the papers.

Where the examination consists of a dissertation, the student shall pass if his dissertation satisfies the examiners.

(3) *Pass with distinction :*

Where the examination consists of individual papers a student shall pass with distinction, if he obtains an average of at least 75% for the examination as a whole.

Where the examination consists of a dissertation, a candidate shall pass with a distinction if, in the opinion of the examiners he has attained a first class standard.

THE DEGREES OF DOCTOR OF COMMERCE AND DOCTOR OF ADMINISTRATION

C.19. General Rules G.42. to G.56 shall apply.

DIPLOMA IN COMMERCE

Curriculum

C.20. The curriculum for the Diploma will extend over three years, leading to the "Diploma in Commerce."

The curriculum will consist of the following courses:

First year : 1. Economics I

2. Business Economics I
3. Accounting I
4. Statistical Methods
5. Industrial Psychology I or Commercial Law I

Second year : 6. Economics II

7. Business Economics II
8. Accounting II or Industrial Psychology II or Commercial Law II

Third year : 9. & 10. Two of the following:

- Economics III
- Business Economics III
- Accounting III or Industrial Psychology III or Commercial Law III or Co-operation.

Requirements for Admission

C.21. The Senior Certificate or equivalent qualification is the minimum requirement for admission to the course for Diploma in Commerce.

Language Requirements

C.22. A student shall attend one lecture per week in the language laboratory in a commercial language course, either in the first or second year of study for three quarters (approximately 20 hours): Provided that if he passes a proficiency test in the commercial language course before that time, he may be exempted from further attendance in the language laboratory.

Limitations on Registration for Courses

C.23. (1) A student shall be allowed to take in each year of study one course in excess of the number of courses prescribed for that particular year of the curriculum for which he is registered.

(2) A student shall not be permitted to take a second-year or a third-year course unless he has completed at least two of the courses prescribed for the first or the second year of study respectively.

(3) A student shall be deemed to be in his first year of study until he has obtained credit for at least three first-year courses, and in his third year of study when he is able to take both courses prescribed for the third year, according to sub-paragraph (2) above; otherwise he shall be deemed to be in his second year of study.

(4) For the purposes of this paragraph, a second-year course shall be deemed to be the final course but one, and a third-year course the final course, in any of the subjects listed in paragraph C.25.

Examinations

C.24. (1) A sub-minimum of 40% is laid down for every paper for first year courses, and 35% for second and third year courses, as prescribed in the curriculum concerned.

(2) A student will be admitted to a supplementary examination in a course in which he has failed: Provided he has obtained:—

- (a) a year mark of at least 50%;
- (b) an examination mark of at least 40%; and
- (c) the pass mark in at least two other courses at the same examination: Provided that the above requirements may be waived if the course concerned is the last requirement for his degree and that he did in fact present himself for the examination therein.

Distinction

C.25. A student who obtains 75% in the final course in one of the following subjects shall be awarded a pass with distinction in that subject:

- | | |
|--------------------|-----------------------|
| Accounting | Economics |
| Business Economics | Industrial Psychology |
| Commercial Law | |



University of Fort Hare
Together in Excellence

SYLLABI

DEPARTMENT OF ACCOUNTANCY

Practical Work

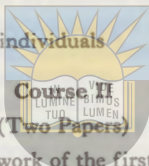
Three hours practical work per week is required for all courses in this Department.

ACCOUNTING

Course I

(One Paper)

- Fundamental concepts of accounting
- Financial statements: structure, concepts and conventions
- Enterprise accounting
- Cost concepts and elements of cost
- Elementary theory of finance
- ¹Income tax concepts and taxation of individuals



Revision of, and development on the work of the first year

Accounting systems

Manufacturing accounts and cost concepts

Partnership accounts

Company accounts

Accounting information for management

²Taxation of individuals and farming operations

Introduction to Data Processing and Computers

Introduction to COBOL programming

Course III

(Two papers)

Revision of, and development on work of the second year

Partnership and Company accounting

Accounting information for management

Special accounts and accounting procedures

³Taxation of companies

Computer hardware and software. Computer files. Data collection and controls. Systems analysis and design. Elementary COBOL programming

¹In terms of the Transkei Taxation Act, No. 8 of 1960, as amended, and the Bantu Taxation Act, No. 92 of 1969, of the Republic of South Africa.

²In terms of the Transkei Taxation Act, No. 8 of 1969, as amended, the Bantu Taxation Act, No. 92 of 1969, and the Income Tax Act, No. 58 of 1962, as amended, of the Republic of South Africa.

³In terms of the Income Tax Act, No. 58 of 1962, as amended, of the Republic of South Africa.

ACCOUNTING FOR ATTORNEYS

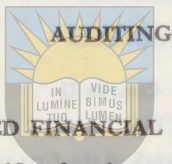
(One paper)

- Fundamental concepts of accounting
- Financial statements: structure, concepts and conventions
- Enterprise accounting
- Ordinary and fiduciary attorney's accounts and financial statements.
- *Income tax concepts and taxation of individuals

ADMINISTRATION OF ESTATES

(One Paper)

- Deceased estates
- Insolvent estates, including companies



Basic principles and procedures

ADVANCED FINANCIAL ACCOUNTING

(One four-hour paper)

- Advanced application of principles in preceding courses
- Advanced analysis and interpretation of financial statements
- Advanced company accounting applications
- Special accounting applications

ADVANCED TAXATION

(One four-hour paper)

Special classes of taxpayers and advanced problems in the taxation of individual persons, of associations of persons and of companies in the Republic of South Africa in terms of the Income Tax Act, no. 58 of 1962, as amended, the Bantu Taxation Act, no. 92 of 1969, and the Transkei Taxation Act, no. 8 of 1969, as amended.

ADVANCED MANAGEMENT ACCOUNTING

(One four-hour paper)

- Advanced applications of principles in preceding courses
- Advanced financial planning and control
- Advanced financial analysis for management decisions
- Computer applications and management of data processing

*In terms of the Transkei Taxation Act, No. 8 of 1969, as amended, and the Bantu Taxation Act, No. 92 of 1969, of the Republic of South Africa.

ADVANCED AUDITING

(One four-hour paper)

Practical requirements, considerations and applications of principles and procedures.

DEPARTMENT OF BUSINESS ECONOMICS AND CO-OPERATIVE STUDIES**BUSINESS ECONOMICS****Course 1**

(One paper)

1. *Introduction to Business Economics.*
 - 1.1. The task, scope and method of business economics.
 - 1.2. The development of the business system.
 - 1.3. Basic concepts: Undertaking, establishment, etc.
 - 1.4. Development of the large undertaking.
 - 1.5. The entrepreneur and his importance.
2. *The Different Forms of Enterprise.*
3. *Establishment Problems:*
 - 3.1. Locational factors and theories.
 - 3.2. Building and lay-out of a factory.
 - 3.3. Size of the undertaking and of the establishment.
4. *Introduction to the Seven Functions Performed within the Undertaking with special reference to the Personnel Function and the Administrative Function.*
 - 4.1. Personnel Function.
 - 4.1.1. Human relations.
 - 4.1.2. Selection.
 - 4.1.3. Training.
 - 4.1.4. Promotion.
 - 4.1.5. Discharge.
 - 4.1.6. Remuneration of personnel.
 - 4.2. Administrative Function:
 - 4.2.1. Function division.
 - 4.2.2. Office organization.
 - 4.2.3. Inventory procedures.
 - 4.2.4. Business statistics.
 - 4.2.5. Time control, etc.
5. *The State and Commerce and Industry with special reference to the Policy of Developing the Bantu Homelands:*
 - 5.1. Establishment of border industries.
 - 5.2. The activities of the Bantu Investment Corporation.
 - 5.3. The X.D.C., etc.

Course II (Two Papers)

Paper 1.

Introduction to Marketing Management

1. Organization of the purchasing department.
2. Price and buying policy.
3. Inventory control.
4. Purchases budget.
5. Purchases investigation.
6. The marketing problem and different approaches;
7. Marketing functions.
8. Marketing organization.
9. The marketing channels.
10. Marketing of agricultural produce.
11. Raw materials and products.
12. The produce exchange.
13. Future dealings.

Paper 2.

Section 1.—Introduction to Financial Management

- 1.1. The task and the scope of business financing.
- 1.2. The promoter and his functions.
- 1.3. The valuation of the new undertaking and its long-term and short-term capital requirements.
- 1.4. The forms of long-term and short-term capital.
- 1.5. The financial plan of the undertaking.
- 1.6. The money market and the capital market.
- 1.7. The sale of securities. The stock exchange.

Section 2—Production Management

- 2.1. Objects and task of production management.
- 2.2. Production planning.
- 2.3. The lay-out of the factory and materials handling.
- 2.4. Investment decisions.
- 2.5. Inventory control.
- 2.6. Production control.
- 2.7. Quality control.
- 2.8. Method study.
- 2.9. Work study.
- 2.10. Wage systems.

Course III (Three Papers)

Paper 1: Marketing Management

1. The objects of marketing control.
2. Marketing research and sales forecasting.
3. Product policy.
4. Distribution policy.
5. Sales promotion policy.
6. Price policy.

Paper 2: Financial Management

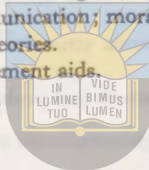
1. The task and objects of financial management.
2. Costs, cost price and value; methods and cost allocation.
3. Planning and control of assets; financial analysis, cash control, credit control, stock control, capital budgets.
4. Planning of the financial structure; planning of the methods of financing; the cost of capital.
5. Control of short-term and medium-term capital.
6. Control of long-term capital.
7. Valuation of business undertakings.

Paper 3.**Section 1—General Management :**

- 1.1. The principles of general management.
- 1.2. The task of management.
- 1.3. Elements of the task of management; planning; organisation; co-ordination; command; communication; morale; control.
- 1.4. Certain management theories.
- 1.5. Certain modern management aids.

Section 2—External Relations :

- 2.1. External relations.
- 2.2. State control and aid.
- 2.3. Trade associations.
- 2.4. Regional and national development organisations.
- 2.5. International organisations.
- 2.6. International tendencies and relations.

**RETAIL MANAGEMENT**

1. Retail orientation and development.
2. Retail location.
3. Modern merchandising methods.
4. Price policy, price determination and competitive strategy.
5. Retail sales promotion.
6. Financial planning and control.
7. Retail personnel management.
8. Research and consumer behaviour.

CO-OPERATION

(One paper)

1. Significance and history of the co-operative system; the special nature of co-operatives.
2. The historical background of the co-operative system in the Republic of S.A. and the Bantu areas.
3. Co-operative legislation.
4. Types of Co-operatives:
 - 4.1. Agricultural co-ops.
 - 4.2. Insurance co-ops.

- 4.3. Central co-ops.,
- 4.4. Co-operative banks.
- 4.5. Consumers' co-ops., etc.
5. Internal management and organization.
6. Financing and financial management.
7. Taxation and taxation problems of co-operatives.
8. Co-operatives in underdeveloped countries and their particular role.
9. International comparisons.

DEPARTMENT OF ECONOMICS

ECONOMICS

Course I

(Two Papers)

Paper 1: Descriptive Economics

- 1.1. The South African economic structure and its development to the present situation
- 1.2. Outstanding economic features and problems in South Africa.

Paper 2: Introduction to Theory

2.1. *General Theory*

- 2.1.1. Definitions and methodology.
- 2.1.2. Elementary microtheory
- 2.1.3. Elementary macrotheory

2.2. *Money and Banking*

- 2.2.1. Money—origins, nature, functions
- 2.2.2. Banking
- 2.2.3. Some international aspects

Course II

(Two Papers)

Paper 1: Microtheory

- 1.1. Indifference curve analysis
- 1.2. Market types and Production theory.
- 1.3. The microproduction function and the remuneration of factors.

Paper 2: Macrotheory

- 2.1. National accounting.
- 2.2. Theory of Income: from the Classicists over Keynes to Neoclassicists.
- 2.3. The South African economy.

Course III

(Three Papers)

- Paper 1:*
- 1.1. Money and Banking
 - 1.2. Business Cycles

- Paper 2:*
- 2.1. International economics
 - 2.2. Public finance

Paper 3: Two of the following, to be selected in consultation with the Head of the Department:


- *3.1.) Theory of growth and development
- *3.2.)
 - 3.3. Economic policy and planning
 - 3.4. Demographic and labour problems
 - 3.5. Economic systems.
 - 3.6. Development of economic thought
 - 3.7. European economic history

*Not for students who take Development Economics II.

DEVELOPMENT ECONOMICS

Course I

(To be taken simultaneously with, or after Economics II)

- 
- 1. Introduction and basic aspects
 - 1.1. Outline of concepts
 - 1.2. Systems of production
 - 1.3. Development factors
 - 1.4. Factors of production in the development process
 - 1.5. Structural aspects
 - 2. Introduction to economic planning and programming
 - 2.1. Historical review
 - 2.2. Principles of planning and programming
 - 2.3. Typology of and planning for underdeveloped areas
 - 2.4. Application to Southern Africa—the E.D.P. in general terms, labour migration, decentralization and Homelands development.

Course II

(Follows upon Economics II and Development Economics I)

- 1. Development and growth theory
 - 1.1. The methodological connection between theory and empiry
 - 1.2. Historic-analytical review of the main theories
 - 1.3. Neoclassical growth theory—the role of technology
 - 1.4. Stages of development
- 2. Aspects of Economic policy
 - 2.1. Sectoral balancing and land usage
 - 2.2. Spatial planning and regional development
 - 2.3. Development aid
 - 2.4. Labour utilization
- 3. Application to Southern Africa
 - 3.1. Character of the present situation
 - 3.2. General economic growth and development—the role of the government and its agencies
 - 3.3. Economic systems and development of the Homelands
 - 3.4. Looking towards the future.

DEPARTMENT OF INDUSTRIAL PSYCHOLOGY

INDUSTRIAL PSYCHOLOGY

Course I

(One paper)

1. *Introduction*: Historical development of Industrial Psychology. The personnel function.
2. *Basic Psychological concepts*:
 - (a) Learning, memory and retention.
 - (b) Emotion, drives, frustration and conflict.
 - (c) Physiology of the nervous system and the senses.
 - (d) Perception.
 - (e) Abilities—intelligence and skills.
 - (f) Introduction to research methods.
3. *Techniques of Personnel Management A.*
 - (a) Manpower planning.
 - (b) Job analysis, descriptions and specifications.
 - (c) Recruitment.
 - (d) Application forms, biographical inventories, interviews, psychological tests.
 - (e) Induction training.
4. *Introduction to work motivation.*



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Course II
(Two papers)

Paper 1.

1. *Techniques of Personnel Management B.*
 - (a) Training, Training of operative personnel, Management development.
 - (b) Performance appraisal, job evaluation, and financial compensation.
 - (c) Labour turnover and absenteeism.
 - (d) Supervisory management.
2. *Human Engineering.*
 - (a) Method study and work measurement.
 - (b) Physical working conditions.
 - (c) Safety. Safety training and total loss control.

Paper 2.

1. *Motivation and Job Satisfaction.*
 - (a) Theories of work motivation.
 - (b) Motivation of Black workers—studies conducted in South Africa.
 - (c) Measurement of attitudes and of morale.
 - (d) Job Design.

2. *Research Method.*

Review of the basic principles of scientific research, stages in the scientific method, planning of research, and research problems in industrial psychology. Statistical methods.

Course III

Paper 1 Personality Development and Abnormal Behaviour.

1. Personality

(a) Personality development. Theories of personality.

2. Abnormal behaviour

(a) Normality and abnormality.

(b) Manifestations and causes of abnormal behaviour.

(c) The personnel administrator's role in diagnosing and treating abnormal behaviour.

Paper 2. Industrial Psychological Research and Marketing Psychology.

1. Research method.

(a) Principles and methods used in psychological measurement i.e. statistical methods, reliability and validity of measurement methods, methods of test construction, methods for measuring personality and sentiments, etc.

2. Marketing Psychology.

(a) Psychological principles of advertising.

(b) Consumer behaviour—(psychological aspects)

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Paper 3. Groups Dynamics.

(a) Formal and informal groups, leaders and relations.

(b) Communication.

(c) Human relations, special concepts. Labour Union. Collective bargaining.

STATISTICAL METHODS

(This course is offered by the Department of Applied Mathematics and Statistics,
Faculty of Science)

(One Paper)

Introductory concepts and definitions. Sampling methods. Measurement scales. Variables. Descriptive statistics: classification and tabulation.

Measures of location and dispersion.

Linear regression and correlation.

Elementary probability theory and probability distributions: The Binomial, Poisson, and Normal distribution. Use of tables.

Means, proportions, variances and correlation coefficients: sampling distributions confidence intervals and hypothesis testing.

Non-parametric hypothesis testing.

Research design and test construction.

Index numbers and time series.

Quality control and sampling inspection.

Faculty of Agriculture

RULES FOR THE FACULTY OF AGRICULTURE

The following faculty rules are to be read in conjunction with the provisions of the Act, Statute, regulations and general rules.

Note: Any reference to a "course" or "courses" in these rules may refer to semester courses, or courses extending over an academic year, or both according to the context.

DEGREES IN THE FACULTY OF AGRICULTURE

Ag.1 The following degrees are conferred in the Faculty of Agriculture:

Bachelor of Agriculture	B. Agric.
Bachelor of Agricultural Extension (Honours)	B. Agric. Ext. (Hons.)
Master of Agricultural Extension	M. Agric. Ext.
Bachelor of Science in Agriculture	B.Sc. Agric.
Bachelor of Science in Agriculture (Honours)	B.Sc. Agric. (Hons.)
Master of Science in Agriculture	M.Sc. Agric.
Doctor of Science in Agriculture	D.Sc. Agric.

FACULTY RULES FOR BACHELORS' DEGREES

Ag.2 (i) In order to obtain a degree of bachelor in the Faculty of Agriculture a student must be credited with the number of units which are prescribed for the curriculum concerned.

(ii) The number of units assigned to a course shall correspond with the number of lectures and practicals per week per semester.

(iii) On completion of a course a student shall be credited with the number of units assigned thereto.

(iv) Mathematics I (10 units) consists of two half courses, IA and IB (5 units each). To obtain credit for Mathematics I, a student must complete both IA and IB.

Note: No units are assigned to Mathematics (special) since it is not a degree course.

Ag.3 One of the Boards of Study, as specified hereunder, shall advise the Senate in respect of the curriculum for each study direction.

Ag.4 (1) Under special circumstances departures from a curriculum may be permitted subject to the approval of the Senate on the recommendation of the Board of the Faculty of Agriculture.

(2) The Senate may, on the recommendation of the Board of the Faculty of Agriculture, give credit towards the degree for a course not included in a particular curriculum.

Ag.5 Elective courses are subject to approval by the Dean on the recommendation of the Board of Study concerned.

Ag.6 The Senate may permit a student to take one or more courses prescribed for a particular semester before he is advanced to that semester, on condition that the provisions of these rules concerning prerequisites and co-requisites are complied with.

Examinations

Ag.7 Examinations shall be held at the end of each semester for semester courses and at the end of each year for full courses.

Ag.8 In order to complete a course a student must comply with the requirements laid down in the general rules; the year or semester mark and the examination mark shall carry equal weight for this purpose.

Supplementary Examinations

Ag.9 (i) A student shall not be admitted to a supplementary examination in any course unless he has obtained a minimum of 50% in either the year or semester mark or in the examination: Provided that no student who obtains less than 40% of the marks in the examination shall be admitted to a supplementary examination: Provided further that a student shall be admitted to a supplementary examination if it is the last remaining requirement for his degree.

(ii) A supplementary examination may be taken as a written examination during the next ordinary examination period or as an oral examination, as and when the Board of the Faculty of Agriculture determines.

Prerequisite and Co-requisite Courses

Ag.10 (1) Except by special permission of the Head of the Department concerned, a student shall not be admitted to a course unless he has completed the prerequisites or concurrently registers for the co-requisites for that course, as specified in the curriculum concerned.

(2) If a student fails in any course which is a prerequisite to a second semester course, he shall be deemed provisionally to comply with such prerequisite if he is granted a supplementary examination therein: Provided that this concession shall operate only until the said supplementary examination is held and that no credit shall be obtained for the aforementioned second semester course until the prerequisite course is actually completed.

Number of Units per Semester

Ag.11 Except where a student requires less than 10 units for completion of the degree, he shall not be permitted to register for less than 10 or more than 33 units in any one semester.

Determination of Year of Study

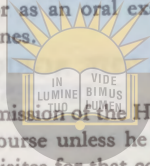
Ag.12 (i) A student shall be deemed to be in his first year of study until he has been credited with at least 65% of the units prescribed for the first year of study.

(ii) A student shall be deemed to be in his second year of study until he has been credited with at least 70% of the units prescribed for the first four semesters;

(iii) A student shall be deemed to be in his third year of study until he has been credited with at least 68% of the units required for the degree.

Practical Work

Ag.13 A student may be required to spend such periods during vacations as may be determined by the Board of the Faculty of Agriculture in doing practical work under the guidance of an approved person or at an approved institution.



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Distinction

Ag.14 A student who obtains an overall average of 75% during the last two years of study may be awarded the degree *cum laude*.

Applicability of Rules

Ag.15 These rules are applicable to all students registering for Bachelors' degrees during 1975 and thereafter. Students who registered prior to 1975 are also obliged to follow these rules except if specially exempted by the Senate.

THE DEGREE OF BACHELOR OF AGRICULTURE

Duration and Curriculum

Ag.17 The curriculum for the degree shall extend over not less than four academic years.

Ag.18 The curriculum shall be as follows:

BOARD OF STUDY FOR THE AGRICULTURAL PRODUCTION SCENCES



Year	Sem.	No.	Course	Pre- & Co-req.	Units	Total	
University of Fort Hare <i>Together in Excellence</i>							
I	1	—	Biology I	—	5+1	18½	
		—	Chemistry I	—	5+1		
		CS 101	Agro-meteorology and water relations	—	3+1		
		AE 101	Agriculture in the Economy	—	1+0		
		AE 111	Elementary Agricultural Price Theory	—	1+½		
.....							
	2	—	Biology I	—	5+1	17	
		—	Chemistry I	—	5+1		
		MB 102	Introduction to Microbiology	—	4+1		
.....							
II	3	AS 101	Introduction to Animal Science	—	5+1	19	
		SS 101	Introduction to Soil Science	Chem. I	5+1		
		BC 101	General Biochemistry	Chem. I	6+1		
						
		4	CS 112	Introduction to Plant Science	CS 101	5+1	20½
			AS 202	Animal Nutrition	AS 101	5+1	
SS 222			Plant Nutrition and Soil Fertility	SS 101	4+½		
PS 102			Pasture Ecology	CS 112 (co-req.)	3+1		

Year	Sem.	No.	Course	Pre- & Co-req.	Units	Total
III	5	CS 201	Elements of Crop Production	CS 112	5+1	21
		SF 201	Smallstock Science	—	5+1	
		SS 211	Pedology	—	3+1	
		PS 201	Pasture Management	CS 112 (co-req.)	4+1	
	6	EN 102	Introduction to Agricultural Engineering	—	5+1	17½
		AH 112	Elementary Animal Health	—	5+1	
		PS 222	Veld Rehabilitation	PS 102	2+½	
		EX 102	Introduction to Agricultural Extension	(co-req.)	3+0	
				—		
	IV	7	SS 311	Land Use Planning	SS 211	4+1
MB 221			Plant Pest Control	MB 102	4+1	
HC 211			Elements of Fruit and Vegetable Production	CS 112	5+1	
AS 221			Poultry Production	—	3+1	
AE 131			Marketing of Agricultural Products	—	2+0	
AS 241			Dairy Science	—	3+1	
CS 121			Elementary Irrigation	CS 101	2+½	
AS 301			Applied Nutrition	AS 202	4+1	
8		AE 142	Farm Management	—	3+1	13½
		PS 212	Fodder Production and Conservation	PS 201 (co-req.)	3+½	
	PS 312	Project in Land use planning	—	0+2		
	EX 202	Extension, Evaluation and Research	EX 102	3+1		
Minimum number of units required: 145						

THE DEGREE OF BACHELOR OF SCIENCE IN AGRICULTURE

Duration and Curricula


Ag.19 The curriculum for the degree shall extend over not less than four academic years.

Ag.20 The curricula for the various study directions are listed below.

BOARD OF STUDY FOR AGRICULTURAL ECONOMICS
Agricultural Economics Curriculum

Year	Sem.	No.	Course	Pre- & Co-req.	Units	Total	
I	1 & 2	—	Accounting I	—	12+2	46/48	
		—	Chemistry I	—	10+2		
		—	Economics I	—	10+0		
		—	<i>One of the following :</i>				
		—	Biology I	—	10+2		
		—	Botany I	—	10+2		
		—	Mathematics I	—	10+0		
—	Zoology I	—	10+2				
II	3	—	Economics II	Econ. I	5+0	20½	
		—	Statistics I/Mathematical Statistics I*	—	5+1		
		AE 121	Production Economic theory	—	3+½		
		AE 131	Marketing of Agricultural products	—	2+0		
		CS 101	Agro-meteorology and Water Relations	—	3+1		
		4	—	Economics II	Econ. I		5+0
		—	Statistics I/Mathematical Statistics I*	—	5+1		
		AE 142	Farm Management	—	3+1		
		CS 112	Introduction to Plant Science	CS 101	5+1		21
		III	5	—	Economics III		Econ. II
BM 201	Advanced Biometry I			Stats. I	5+1		
AE 151	Natural resource Economics			—	4+0		
—	<i>One of the following :</i>						
AS 101	Introduction to Animal Science			—	5+1		
CS 201	Elements of Crop Production			CS 112	5+1		
HC 201	Elements of Horticultural Science			CS 112	5+1		
6	—			Economics III	Econ. II	6+0	
BM 212	Advanced Biometry II			Stats. I	5+1		
AE 202	Agricultural development and policy			AE 121 AE 131	3+0		
AE 212	Agricultural price analysis	AE 131	3+½				
AG 202	Introductory Seminar	—	1+0	19½			

*A student who took Mathematics I in his first year shall take Mathematical Statistics I in his second year. All other students shall take Statistics I.

Year	Sem.	No.	Course	Pre- & Co-req.	Units	Total	
IV	7	—	Co-operation	—	2+1		
		—	Selected courses in computer science	—	5		
		AE 221	Production economics	AE 121	4+ $\frac{1}{2}$		
		AE 301	Introduction to linear programming	Maths I or AE 121	1+ $\frac{1}{2}$		
		<i>One of the following :</i>					
		SF 201	Smallstock Science	—	5+1		
		CS 211	Advanced Crop Science	CS 201	4+1		
		HC 301	Temperate Fruits	HC 201	4+1		
		<i>or</i>					
		HC 311	Citrus Fruits	HC 201	4+1	19/20	
8	—	—	Co-operation	—	2+1		
		—	Selected courses in computer science	—			
		AE 232	Agricultural Marketing in S.A.	AE 131	2+0		
		AE 312	Project	AE 212			
		 University of Fort Hare <i>Together in Excellence</i>					
		AE 392	Seminar	AE 221 AE 212	0+2 1+0	13	

Minimum number of units required: 161

BOARD OF STUDY FOR THE AGRICULTURAL PRODUCTION SCIENCES

Animal Production Science Curriculum

Year	Sem.	No.	Course	Pre- & Co-req.	Units	Total
I	1	—	Chemistry I	—	5+1	
		—	Physics I	—	5+1	
		—	Biology I or Zoology I	—	5+1	
		CS 101	Agro-meteorology and water relations	—	3+1	
		AE 101	Agriculture in the Economy	—	1+0	23

Year	Sem.	No.	Course	Pre- & Co-req.	Units	Total
	2	—	Chemistry I	—	5+1	
		—	Physics I	—	5+1	
		—	Biology I or Zoology I	—	5+1	
		MB 102	Introduction to Microbiology	—	4+1	23
II	3	BC 101	General Biochemistry	Chem. I	6+1	
		GE 101	Introduction to Genetics	—	4+1	
		AS 101	Introduction to Animal Science	—	5+1	
		AE 111	Elementary Agricultural Price Theory	—	1+ $\frac{1}{2}$	
		SS 101	Introduction to Soil Science	Chem. I	5+1	25 $\frac{1}{2}$
	4	BM 102	Introduction to Biometry	—	5+1	
		CS 112	Introduction to Plant Science	CS 101	5+1	
		AH 102	Anatomy and Physiology	—	5+1	
		PS 102	Pasture Ecology	CS 112 (co-req.)	3+1	21
III	5	AH 201	Animal Health: Non-infectious diseases	AH 102	5+1	
		CS 201	Elements of Crop Production	CS 112	5+1	
		GE 311	Biometrical Genetics	—	2+0	
		PS 201	Pasture Management	CS 112	4+1	
		AE 131	Marketing of Agricultural Products	—	2+0	21
	6	AS 202	Principles of Animal Nutrition	AS 101	5+1	
		AH 212	Animal Health: Infectious diseases	AH 102	5+1	
		PS 212	Fodder Production & Conservation	PS 201 (co-req.)	3+ $\frac{1}{2}$	
		AS 232	Animal breeding	GE 311	2+ $\frac{1}{2}$	
		AG 202	Introductory Seminar	—	1+0	19
IV	7	AS 301	Animal Production Systems	AS 202	5+1	
		SF 201	Smallstock Science	—	5+1	
		AS 221	Poultry Production	—	3+1	
		AS 391/2	Seminars	AG 202	1+0	
		AS 241	Dairy Science and Technology	MB 102	3+1	21
	8	AS 212	Meat Science	AS 101	4+ $\frac{1}{2}$	
		EX 102	Introduction to Agricultural Extension	—	3+0	
		AS 322	Project in Animal Science	AS 202	0+2	
		AS 332	Special Topics in Animal Science	AS 202	2+0	
			<i>Choice from the following :</i>			
		SF 212	Smallstock Management	SF 201	3+ $\frac{1}{2}$	
		SF 222	Fibre Science	SF 201	2+ $\frac{1}{2}$	

or

Year	Sem.	No.	Course	Pre- & Co-req.	Units	Total
		EN 102	Introduction to Agricultural Engineering	—	5+1	
		AE 142	Farm Management	—	3+1	15½/17½

Minimum number of units required: 170

Agricultural Production Science Curriculum

Year	Sem.	No.	Course	Pre- & Co-req.	Units	Total
I	1	—	Chemistry I	—	5+1	
		—	Physics I	—	5+1	
		—	Biology I or Zoology I	—	5+1	
		CS 101	Agro-meteorology and water relations	—	3+1	
		AE 101	Agriculture in the Economy	—	1+0	23
	2	—	Chemistry I	—	5+1	
		—	Physics I	—	5+1	
		—	Biology I	—	5+1	
		MB 102	Introduction to Microbiology	—	4+1	23
		II	3	BC 101	General Biochemistry	Chem. I
	GE 101	Introduction to Genetics	—	4+1		
	AS 101	Introduction to Animal Science	—	5+1		
	AE 111	Elementary Agricultural Price Theory	—	1+½		
	SS 101	Introduction to Soil Science	Chem. I	5+1	25½	
II	4	BM 102	Introduction to Biometry	—	5+1	
		CS 112	Introduction to Plant Science	CS 101	5+1	
		AH 102	Anatomy and Physiology	—	5+1	
		PS 102	Pasture Ecology	CS 112	3+1	22
					(co-req.)	
III	5	CS 201	Elements of Crop Production	CS 112	5+1	
		PS 201	Pasture Management	CS 112	4+1	
		SS 211	Pedology	—	3+1	
		HC 201	Elements of Horticultural Science	CS 112	5+1	
		AE 131	Marketing of Agricultural Products	—	2+0	23

Year	Sem.	No.	Course	Pre- & Co-req.	Units	Total		
6		AS 202	Animal Nutrition	AS 101	5+1	23½		
		AH 212	Animal Health: Infectious diseases	AH 102	5+1			
		EN 102	Introduction to Agricultural Engineering	—	5+1			
		SS 222	Plant Nutrition and Soil Fertility	SS 101	4+½			
		AG 202	Introductory Seminar	—	1+0			
IV	7	SS 311	Land Use Planning	SS 211	4+1	22-25		
		SF 201	Smallstock Science	—	5+1			
		MB 221	Plant Pest Control	MB 102	4+1			
		AS 391 or CS 391 or SS 391	Seminar	—	1+0			
		<i>Minimum of 5 units from the following :</i>						
		HC 301	Temperate Fruits	HC 201	4+1			
		HC 311	Citrus Fruits	HC 201	4+1			
		PS 231	Advanced Pasture Management	PS 201	4+1			
		CS 211	Advanced Crop Science	CS 201	4+1			
		AS 301	Applied Nutrition	AS 202	4+1			
AS 241	Dairy Science	—	3+1					
AS 221	Poultry Production	—	3+1					
8		EX 102	Introduction to Agricultural Extension	—	3+0	15/18½		
		PS 312	Project in Land Use Planning	—	0+2			
		PS 222	Veld rehabilitation	PS 102	2+½			
		<i>Two of the following :</i>						
		CS 222	Principles of irrigation	CS 112	5+1			
		AE 142	Farm Management	—	3+1			
		AS 212	Meat Science	AS 101	4+½			
		PS 212	Fodder Production and Conservation	PS 201	3+½			
		HC 322	Vegetable Crops	HC 201	4+1			
		Minimum number of units required: 177						

Plant Production Science Curriculum

Crop Science and Horticultural Science Option

Year	Sem.	No.	Course	Pre- & Co-req.	Units	Total
I	1	—	Chemistry I	—	5+1	23
		—	Physics I	—	5+1	
		—	Biology I or Botany I	—	5+1	
		CS 101	Agro-meteorology and water relations	—	3+1	
		AE 101	Agriculture in the Economy	—	1+0	

Year	Sem.	No.	Course	Pre- & Co-req.	Units	Total
	2	—	Chemistry I	—	5+1	
		—	Physics I	—	5+1	
		—	Biology I or Botany I	—	5+1	
		MB 102	Introduction to Microbiology	—	4+1	23
II	3	BC 101	General Biochemistry	Chem. I	6+1	
		GE 101	Introduction to Genetics	—	4+1	
		AS 101	Introduction to Animal Science	—	5+1	
		AE 111	Elementary Agricultural Price Theory	—	1+ $\frac{1}{2}$	
		SS 101	Introduction to Soil Science	Chem. I	5+1	25 $\frac{1}{2}$
	4	BM 102	Introduction to Biometry	—	5+1	
		CS 112	Introduction to Plant Science	CS 101	5+1	
		AH 102	Anatomy & Physiology	—	5+1	
		PS 102	Pasture Ecology	CS 112 (co-req.)	3+1	22
III	5	CS 201	Elements of Crop Production	CS 112	5+1	
		HC 201	Elements of Horticultural Science	CS 112	5+1	
		MB 221	Plant Pest Control	MB 102	4+1	
		SS 211	Pedology	—	3+1	
		AE 131	Marketing of Agricultural Products	—	2+0	23
	6	SS 222	Plant Nutrition and Soil Fertility	SS 101	4+ $\frac{1}{2}$	
		CS 222	Principles of Irrigation	CS 112	5+1	
		EN 102	Introduction to Agricultural Engineering	—	5+1	
		AG 202	Introductory Seminar	—	1+0	
		HC 332	Sub-tropical Fruits	HC 201	4+1	
			or Two of the following:			
		GE 212	Plant Breeding	GE 101	2+ $\frac{1}{2}$	
		PS 222	Veld Rehabilitation	PS 102	2+ $\frac{1}{2}$	
		AE 142	Farm Management	—	3+1	22 $\frac{1}{2}$ /24
IV	7	SS 311	Land Use Planning	SS 211	4+1	
		HC 391	Seminar	HC 201	1+0	
			or			
		CS 391	Seminar	—	1+0	
		CS 211	Advanced Crop Science	CS 201	4+1	
		HC 341	Horticultural Project	HC 201	0+1	
		HC 301	Temperate Fruits	HC 201	4+1	
		HC 311	Citrus Fruits	HC 201	4+1	

Year	Sem.	No.	Course	Pre- & Co-req.	Units	Total
8		PS 312	Project in Land Use Planning	—	0+2	
		EX 102	Introduction to Agricultural Extension	—	3+0	
		HC 322	Vegetable Crops	HC 201	4+1	
		HC 342	Horticultural Project	HC 201	0+1	
		HC 352	Special Topics in Horticultural Science	HC 322 HC 301 or HC 311 or HC 332	2+½	
		CS 302	Special Topics in Crop Science	CS 211	2+½	16

Minimum number of units required: 176

Plant Production Science Curriculum

Crop Science and Pasture Science Option

Year	Sem.	No.	Course	Pre- & Co-req.	Units	Total	
I	1	—	Chemistry I	—	5+1		
		—	Physics I	—	5+1		
		—	Biology I or Zoology I	—	5+1		
		CS 101	Agro-meteorology and water relations	—	3+1		
		AE 101	Agriculture in the Economy	—	1+0	23	
		2	2	—	Chemistry I	—	5+1
—	Physics I			—	5+1		
—	Biology I or Botany I			—	5+1		
MB 102	Introduction to Microbiology			—	4+1	23	
II	3	BC 101	General Biochemistry	Chem. I	6+1		
		GE 101	Introduction to Genetics	—	4+1		
		AS 101	Introduction to Animal Science	—	5+1		
		AE 111	Elementary Agricultural Price Theory	—	1+½		
		SS 101	Introduction to Soil Science	Chem. I	5+1	25½	
	4	4	BM 102	Introduction to Biometry	—	5+1	
			CS 112	Introduction to Plant Science	CS 101	5+1	
			AH 102	Anatomy and Physiology	—	5+1	
			PS 102	Pasture Ecology	CS 112	3+1	22
						(co-req.)	

Year	Sem.	No.	Course	Pre- & Co-req.	Units	Total
III	5	CS 201	Elements of Crop Production	CS 112	5+1	
		PS 201	Pasture Management	CS 112	4+1	
		SS 211	Pedology	—	3+1	
		HC 211	Elements of Fruit and Vegetable Production	CS 112	5+1	
		AE 131	Marketing of Agricultural Products	—	2+0	
	6	SS 222	Plant Nutrition and Soil Fertility	SS 101	4+½	
		CS 222	Principles of Irrigation	CS 112	5+1	
		EN 102	Introduction to Agricultural Engineering	—	5+1	
		AG 202	Introductory Seminar	—	1+0	
		PS 212	Fodder Production and Conservation	PS 201	3+½	
	GE 212	Plant Breeding	—	2+½	23½	
IV	7	SS 311	Land Use Planning	SS 211	4+1	
		MB 221	Plant Pest Control	MB 102	4+1	
		CS 391	Seminar	—	1+0	
		PS 231	Advanced Pasture Management	PS 201	4+1	
		CS 211	Advanced Crop Science	CS 201	4+1	
	8	PS 312	Project in Land Use Planning	—	0+2	
		EX 102	Introduction to Agricultural Extension	—	3+0	
		PS 222	Veld Rehabilitation	PS 102	2+½	
		CS 302	Special Topics in Crop Science	CS 211	2+½	
		PS 302	Special Topics in Pasture Science	PS 102	2+½	

Minimum number of units required: 173½

BOARD OF STUDY FOR FUNDAMENTAL AGRICULTURAL SCIENCES
Biological Science Curriculum

Year	Sem.	No.	Course	Pre- & Co-req.	Units	Total	
I	1 & 2	—	Chemistry I	—	10+2		
		—	Mathematics I	—	10+0		
		—	Physics I	—	10+2		
		—	<i>One of the following :</i>				
		—	Biology I	—	10+2		
		—	Botany I	—	10+2		
		—	Zoology I	—	10+2		46

Year	Sem.	No.	Course	Pre- & Co-req.	Units	Total	
II	3	—	Chemistry II	Chem. I	6+2		
		BC 201	Introductory Biochemistry	Chem. I	4+1		
		<i>One of the following :</i>					
		GE 101	Introduction to Genetics	—	4+1		
		AS 101	Introduction to Animal Science	—	5+1	18/19	
.....							
III	4	—	Chemistry II	Chem. I	6+2		
		BC 212	Catabolic Metabolism	BC 201	4+1		
		<i>One of the following :</i>					
		MB 102	Introduction to Microbiology		4+1		
		AH 102	Anatomy and Physiology	AS 101	5+1	18/19	
III	5	—	Chemistry III	Chem. II	6+2		
		BC 221	Anabolic Metabolism	BC 212	4+1		
		BC 231	Introduction to Physical Biochemistry	Chem. I	2+1		
		<i>One of the following :</i>					
		GE 111	Elements of Genetics	GE 101	2+1		
		MB 111	Mycology		4+1		
		<i>or</i>					
		AS 241	Dairy Science	AH 102	3+1	19/20/21	
.....							
III	6	—	Chemistry III	Chem. II	6+2		
		BC 242	Physical Biochemistry	BC 231	2+1		
		<i>One of the following groups :</i>					
		GE 222	Plant Breeding	GE 101	2+½		
		<i>or</i>					
		MB 232	Plant Virology	MB 102	2+1		
		MB 212	Soil Microbiology	MB 102	3+1		
		<i>or</i>					
AS 202	Animal Nutrition	AS 241	5+1				
MB 102	Introduction to Microbiology	—	4+1	13½/18/ 22			
.....							
IV	7	—	Elective courses	—	6		
		<i>One of the following groups :</i>					
		BC 321	Introduction to Microbial Biochemistry.	BC 242	2+1		
		GE 201	Population Genetics	GE 101	4+1		
		GE 301	Cytology	GE 101	2+1		
		GE 311	Biometrical Genetics	GE 101	2+0		
<i>or</i>							

Year	Sem.	No.	Course	Pre- & Co-req.	Units	Total
		BC 321	Introduction to Microbial Biochemistry	BC 242	2+1	
		MB 301	Physiology of Bacteria	MB 102 & BC 221	2+1 1+½	
		MB 201	Serology and Immunology			
			<i>or</i>			
		AE 301	Introduction to linear programming	Maths I	1+½	
		BC 311	Nutritional Biochemistry	BC 242	2+1	
				<i>or</i> BC 101		
		AS 301	Applied Nutrition	AS 202	4+1	13½/15½/19
<hr/>						
8		BC 392	Seminar	—	1+0	
		BC 352	Advanced techniques in Biochemistry	BC 242	2+1	
			<i>One of the following groups:</i>			
		GE 322	Microbial Genetics	GE 101	4+2	
				MB 102		
		BC 342	Plant Biochemistry	BC 242	2+1	
		BC 362	Biochemical Genetics	BC 242	2+1	
			<i>Together or in Excellence</i>			
		GE 322	Microbial Genetics	GE 311	4+2	
				<i>or</i> MB 301		
		MB 312	Industrial Microbiology	MB 301	3+1	
		BC 332	Microbial Biochemistry	BC 321	2+1	
			<i>or</i>			
		BC 302	Physiological Biochemistry	BC 242	4+1	
		AS 312	Advanced Nutrition	AS 301	5+1	

Minimum number of units required: Genetics 194½; Microbiology 151½; Animal Science 156½.

Soil Science Curriculum

Year	Sem.	No.	Course	Pre- & Co-req.	Units	Total
I	1 & 2	—	Chemistry I	—	10+2	
		—	Biology I/Botany I	—	10+2	
		—	Physics I	—	10+2	
		—	Mathematics I/Statistics I	—	10+2	48

Year	Sem.	No.	Course	Pre- & Co-req	Units	Total
II	3	SS 101	Introduction to Soil Science	Chem. I	5+1	21
		CS 101	Agro-meteorology and water relations	—	3+1	
		—	Geology I	—	5+0	
	—	Geography I	—	5+1		
	4	CS 112	Introduction to Plant Science	CS 101	5+1	
		—	Geology I	—	5+0	
—		Geography I	—	5+1		
	MB 102	Introduction to Microbiology	—	4+1	22	
III	5	SS 211	Pedology	—	3+1	16½
			Chemistry II (Selected courses)	Chem. I	4+1½	
			Geography II (Selected courses, viz. Geomorphology)	Geog. I	2+1	
	AE 151	Natural resource economics	—	4+0		
	6	MB 212	Soil Microbiology	MB 102	3+1	
		SS 222	Plant Nutrition and Soil Fertility	SS 101	4+½	
		AG 202	Introductory Seminar	—	1+0	
			Chemistry II (Selected courses)	Chem. I	4+1½	
			Geography II (Selected courses, viz. Geomorphology)	Geog. I	2+1	
	IV	7	SS 301	Soil Chemistry	SS 101	
SS 391			Seminar	—	1+0	
CS 201			Elements of Crop Production	CS 112	5+1	
			Geography III (Selected courses, viz. Geomorphology)	—	1½+1	
SS 311			Land use Planning	SS 211	4+1	
8		SS 322	Soil Physics	SS 101	3+1	
		SS 202	Chemical Analysis of Soils, Plants and Waters	SS 101	1+2	
		SS 392	Seminar	—	1+0	
		SS 222	Principles of Irrigation	CS 112	5+1	
			Geography III (Selected courses, viz. Geomorphology)	—	1½+1	
PS 312	Project in land use planning	—	0+2	18½		
Minimum number of units required: 163½						

THE DEGREE OF BACHELOR OF AGRICULTURAL EXTENSION (HONOURS)

(Refer also to the Statute and general rules for the honours degree of bachelor).

Admission

Ag.21 A person shall not be admitted as a candidate for the degree unless he holds the degree of Bachelor of Agriculture or the degree of Bachelor of Science in Agriculture of the University or has been admitted to the status of either of these degrees: Provided that by special permission of the Senate a holder of another bachelor's degree may be admitted.

Study Programme

Ag.22 A candidate shall attend and complete a programme of study and courses in agricultural extension as approved by the Senate on the recommendation of the Board of the Faculty of Agriculture.

Examinations and Pass Mark

As for the degree of Bachelor of Science in Agriculture (Honours).



THE DEGREE OF MASTER OF AGRICULTURAL EXTENSION

(Refer also to the Statute and general rules for the honours degree of bachelor).

Admission

Ag.23 A person shall not be admitted as a candidate for the degree unless he holds the degree of Bachelor of Agricultural Extension (Honours) of the University.

See rules for the degree of Master of Science in Agriculture.

THE DEGREE OF BACHELOR OF SCIENCE IN AGRICULTURE (HONOURS)

(Refer also to the Statute and the general rules for the honours degree of bachelor).

Subjects

Ag.25 The degree may be obtained in any one of the following subjects:—

Agricultural Economics	Horticultural Science
Crop Science	Microbiology
Animal Science	Pasture Science
Biochemistry	Plant Pathology
Genetics	Soil Science

Examinations and Pass Mark

Ag.26 The examination shall comprise not less than four nor more than six papers including oral and practical papers. The number of oral papers shall not exceed that of the written papers.

Sub-minimum

Ag.27 There shall be a sub-minimum of 40% for each paper.

Distinction

Ag.28 The degree shall be awarded *cum laude* on a candidate who obtains an average examination mark of not less than 75%.

THE DEGREE OF MASTER OF SCIENCE IN AGRICULTURE

(Refer also to the Statute and general rules for the degree of Master.)

Ag.29 A person shall not be admitted as a candidate for the degree unless he holds the degree of Bachelor of Science in Agriculture (Honours) of the University or has been admitted to the status thereof, and has satisfied the Senate as to his qualifications in the subject of his proposed course of study.

Ag.30 The degree may be obtained in any one of the subjects in which the honours degree can be obtained.

Ag.31 A candidate shall submit a dissertation and in addition present himself for such examination as is determined by the Senate on the recommendation of the Board of the Faculty of Agriculture.

Ag.32 The minimum pass mark for the degree shall be an average of 50% for both examination and dissertation, but a sub-minimum of 40% is required for each paper in the examination and a mark of 50% shall be required for the dissertation.

Ag.33 The degree may be conferred *cum laude* on a candidate who obtains a combined mark of not less than 75% for the examination and the dissertation.


THE DEGREE OF DOCTOR OF SCIENCE IN AGRICULTURE


(Refer also to the Statute and general rules for the degree of doctor.)


Ag.34 A candidate for the degree shall be required to pursue an approved course of study and research on some subject connected with agricultural science.

FACULTY OF AGRICULTURE: LIST OF SEMESTER COURSES

No.	Title	Pre-req.	Units
Department: Agriculture Biological Sciences			
<i>Sub-department : Biochemistry</i>			
BC 101	General Biochemistry	Chem. I	6+1
BC 201	Introductory Biochemistry	Chem. I	4+1
BC 212	Catabolic Metabolism	BC 201	4+1
BC 221	Anabolic Metabolism	BC 212	4+1
BC 231	Introduction to Physical Biochemistry	Chem. I	2+1
BC 242	Physical Biochemistry	BC 231	2+1
BC 302	Physiological Biochemistry	BC 242	4+1
BC 311	Nutritional Biochemistry	BC 242	
		or	
BC 321	Introduction to Microbial Biochemistry	BC 101	2+1
		BC 242	2+1
BC 332	Microbial Biochemistry	BC 321	2+1
BC 342	Plant Biochemistry	BC 242	2+1
BC 352	Advanced Techniques in Biochemistry	BC 242	2+1
BC 362	Biochemical Genetics	BC 242	2+1

No.	Title	Pre-req.	Units
Sub-department : Genetics			
GE 101	Introduction to Genetics	—	4+1
GE 111	Elements of Genetics	GE 101	2+1
GE 201	Population Genetics	GE 101	4+1
GE 222	Plant Breeding	GE 101	2+ $\frac{1}{2}$
GE 301	Cytology	—	2+1
GE 311	Biometrical Genetics	—	2+0
GE 322	Microbial Genetics	GE 101 MB 102	4+2
Sub-department : Microbiology			
MB 102	Introduction to Microbiology	—	4+1
MB 111	Mycology	—	4+1
MB 201	Serology and Immunology	MB 102 BC —	1+ $\frac{1}{2}$
MB 212	Soil Microbiology	MB 102	3+1
MB 221	Plant Pest Control	MB 102	4+1
MB 232	Plant Virology	MB 102	2+1
MB 301	Physiology of Bacteria	MB 102 BC —	2+1
MB 312	Industrial Microbiology	MB 111 MB 301	3+1
 <p style="text-align: center;">University of Fort Hare <i>Together in Excellence</i></p>			
Department: Agricultural Economics			
AE 101	Agriculture in the Economy	—	1+0
AE 111	Elementary Agricultural Price Theory	—	1+ $\frac{1}{2}$
AE 121	Production economic theory	—	3+ $\frac{1}{2}$
AE 131	Marketing of Agricultural Products	—	2+0
AE 142	Farm Management	—	3+1
AE 151	Natural resource economics	—	4+0
AE 202	Agricultural development and policy	AE 121 AE 131	3+0
AE 212	Agricultural Price Analysis	AE 131	3+ $\frac{1}{2}$
AE 221	Production Economics	AE 121	4+ $\frac{1}{2}$
AE 232	Agricultural Marketing in South Africa	AE 131	2+0
AE 301	Introduction to linear programming	AE 121 or Maths I	1+ $\frac{1}{2}$
AE 312	Project	AE 221 AE 212 AE 301	0+2
AE 391/392	Seminar	AE 221 AE 212	1+0
Department: Agricultural Engineering			
EN 102	Introduction to Agricultural Engineering	—	5+1

No	Title	Pre-req.	Units
Department: Agronomy			
<i>Crop Science</i>			
CS 101	Agro-meteorology and water relations	—	3+1
CS 112	Introduction to plant science	CS 101	5+1
CS 121	Elementary Irrigation	CS 101	2+ $\frac{1}{2}$
CS 201	Elements of Crop Production	CS 112	5+1
CS 211	Advanced Crop Science	CS 201	4+1
CS 222	Principles of Irrigation	CS 112	5+1
CS 302	Special Topics in Crop Science	CS 211	2+ $\frac{1}{2}$
		BM 102	
CS 391	Seminar	—	1+0
CS 392	Seminar	—	1+0
			
<i>Sub-department: Pasture Science</i>			
PS 102	Pasture Ecology	(co-req.) CS 112	3+1
PS 201	Pasture Management	(co-req.) CS 112	4+1
PS 212	Fodder production and conservation	(co-req.) PS 201	3+ $\frac{1}{2}$
PS 222	Veld rehabilitation	(co-req.) PS 102	2+ $\frac{1}{2}$
PS 231	Advanced Pasture Management	PS 201	4+1
PS 302	Special Topics in Pasture Science	PS 102	2+ $\frac{1}{2}$
PS 312	Project in Land use planning	—	0+2
<i>Sub-department: Horticultural Science</i>			
HC 201	Elements of Horticultural Science	CS 112	5+1
HC 211	Elements of Fruit and Vegetable Production	CS 112	5+1
HC 301	Temperate Fruits	HC 201	4+1
HC 311	Citrus Fruits	HC 201	4+1
HC 322	Vegetable Crops	HC 201	4+1
HC 332	Sub-tropical Fruits	HC 201	4+1
HC 341	Horticultural Project	HC 201	0+1
HC 342	Horticultural Project	HC 201	0+1
HC 352	Special Topics in Horticultural Science	(co-req.) HC 322	
		HC 301	2+ $\frac{1}{2}$
		or HC 311	
		or HC 332	
HC 391/		HC 201	
392 Seminar		or HC 211	1+0

No.	Title	Pre-req.	Units
Department: Animal Science			
AS 101	Introduction to Animal Science	—	5+1
AS 202	Principles of Animal Nutrition	AS 101	5+1
AS 212	Meat Science	AS 101	4+ $\frac{1}{2}$
AS 221	Poultry Production	—	3+1
AS 232	Animal Breeding	GE 311	2+ $\frac{1}{2}$
AS 241	Dairy Science	MB 102	3+1
AS 301	Animal Production Systems	AS 202	5+1
AS 312	Advanced Nutrition	AS 301	5+1
AS 322	Project in Animal Science	AS 202	0+2
AS 332	Special Topics in Animal Science	AS 202	2+0
AS 391	Seminar	AG 202	1+0
AS 392	Seminar	—	1+0
<i>Sub-department : Animal Health</i>			
AH 102	Anatomy and Physiology	—	5+1
AH 112	Elementary Animal Health	—	5+1
AH 201	Animal Health: Non-infectious diseases	AH 102	5+1
AH 212	Animal Health: Infectious diseases	AH 102	5+1
 <p>University of Fort Hare Together in Excellence</p>			
<i>Sub-department : Smallstock and Fibre Science</i>			
SF 201	Smallstock Science	—	5+1
SF 212	Smallstock Management	SF 201	3+ $\frac{1}{2}$
SF 222	Fibre Science	SF 201	2+ $\frac{1}{2}$
Department: Soil Science			
SS 101	Introduction to Soil Science	Chem. I	5+1
SS 202	Chemical Analysis of Soils, Plants and Waters	SS 101	1+2
SS 211	Pedology	—	3+1
SS 222	Plant Nutrition and Soil Fertility	SS 101	4+ $\frac{1}{2}$
SS 301	Soil Chemistry	SS 101	4+1
SS 311	Land Use Planning	SS 211	4+1
SS 322	Soil Physics	SS 101	3+1
SS 391	Seminar	—	1+0
SS 392	Seminar	—	1+0
Additional Courses			
AG 202	Introductory Seminar	—	1+0
BM 102	Introduction to Biometry	—	5+1
BM 201	Advanced Biometry—course I	—	5+1
BM 212	Advanced Biometry—course II	—	5+1
EX 102	Introduction to Agricultural Extension	—	3+0
EX 202	Extension, Evaluation and Research	EX 102	3+1

SYLLABI

AGRICULTURAL ECONOMICS

AE 101 Agriculture in the Economy (1+0)

Structure of the economy: primary; secondary; tertiary sectors. The relative importance of each sector over time in S.A. no. employees. Agriculture different from other sectors via production factors. National income divided into 3 sectors and changes over time. Exports of Agricultural products and Imports of non-agricultural products. Money and the role of it in the economy. Foreign exchange to facilitate international trade. Internal marketing of agricultural produce. World markets of agricultural produce. Agric. policy regarding parity income with non-agricultural sectors.

(One lecture period per week).

(Prerequisites:—)

AE 111 Elementary Agricultural Price Theory (1+½)

Introduction: Definitions; production and consumption; production factors.

Utility: Total utility and marginal utility, general shape of these curves. Consumer's choice and consumers' equilibrium; market exchange ration and marginal utility ration.

Supply and demand: Utility as basis for the individual demand of consumer goods: individual and market demand curves: general shape. Changes in demand for consumers goods and/or the services of factors of production. Individual and market supply curves general shape. Price formation and market equilibrium. Characteristics of a perfect market. Elasticities of demand and supply; agricultural demand and supply curves. Effects of changes in demand and supply. The cobweb theorem in agriculture. Cross-elasticity of demand between agricultural products.

Practical Work

Graphical presentation of total and marginal utility schedules for one consumer product.

- Consumers' equilibrium between two products
- Individual and market demand and supply curves
- Price formation with changes in demand and supply
- The cobweb response

(One lecture period and half a practical class per week).

(Prerequisites:—).

AE 121 Production Economic Theory (3+½)*The Production Function*

Relationships between resources and products: the production, function, definitions. The law of diminishing returns, types of returns. Elasticity of production, rational and irrational regions of production.

Factor/Factor Relationship

General Form. Factor-factor problems in agriculture. Iso-product contours and resource substitution. Varying rate of substitution: marginal rate of substitution and elasticity of substitution. Complementary resources isodines, border lines and irrational substitution.

Product/Product Relationship

Complementary, supplementary and competitive substitution—rational and irrational. Border lines and isoclines. Optimum product combination—iso-revenue curves as choice indicators.

Cost Function in Agriculture

Opportunity cost; short- and long-run periods; variable and fixed cost.

Practical Work

Total, average and marginal product curves: four types of return; three regions of production. Maximum profit by way of total product alone or marginal product; effects of price changes on input and output. Iso-product contours, border lines, isoclines and expansion path. Iso-factor contour, complementary, supplementary and competitive combinations. Optimum product combination. Determining maximum profit through cost curves and the effect of price changes.

(Three lecture periods and half a practical class per week).

(Prerequisites:—)

AE 131 Marketing of Agricultural Products (2+0)

The marketing problem. Analysing marketing problems. Consumers of Agricultural products. Agricultural production. The exchange function-price discovery. Competition in Food marketing. Agricultural prices. Expanding demand for Agricultural produce. The storage function. Transportation, Standardization and grading. Food processing industries. Wholesaling and retailing of food. The cost of marketing. Collection and use of market information. Risk in Agricultural Marketing.

(Two lecture periods per week)

(Prerequisites:—)

AE 142 Farm Management (3+1)

The decision making process. Economic principles and farm management. Farm records. Analysis of farm records. Risk and uncertainty. Improving the farm business. Economic surveys.

Practical Work

Keeping and analysis of physical records for different production factors and enterprises. Enterprise records by way of gross margins. Partial budgeting. Complete budgeting. Risk and uncertainty problem and how it affects the farm business. Economic surveys: planning and analysis.

(Three lecture periods and one practical class per week).

(Prerequisites:—)

AE 151 Natural Resource Economics (4+0)

Introduction: frame work of reference. Supply of natural resources for economic use. Population pressure and demand for natural resources. Input-output relationship affecting resource use. Location and spatial organization. Theory of regional development. Natural resource project evaluation through benefit-cost analysis. Water economics. Economics of Soil conservation.

(Four lecture periods per week).

(Prerequisites:—)

AE 202 Agricultural Development and Policy (3+0)

Stages of economic growth and agriculture's role in each stage. Problems in under-developed agriculture. Agrarian reform. Policies to improve productivity. Income stability through price policies.

(Three lecture periods per week).

(Prerequisites: AE 121 and AE 131).

AE 212 Agricultural Price Analysis (3+½)

Changes in prices over time. Cyclic variations in commodity. Elasticity of demand for individual farm products. Elasticity of supply for individual farm products. Measurement of changes in demand. Geographical price surfaces. Subsidies and prices.

Practical Work

Calculation of long and short term changes in prices of some agricultural products. Cyclic variations in South Africa. Estimation of distribution lags. Price indexes. Geographical price surfaces for some major products.

(Three lecture periods and half a practical class per week).

(Prerequisites: AE 131)

AE 221 Production Economics (4+½)

Family Farm Theory concerning costs. Returns to scale and farm site. Size and cost economics. The Euler theorem. Time, factor rewards and Resource valuation. Labour as an economic variable. Agricultural Supply and demand functions.

Practical Work

(Four lecture periods and half a practical class per week).

(Prerequisites: AE 121)

AE 232 Agricultural Marketing in South Africa (2+0)

Historical background: Period before 1914: changes taking place in the marketing structure. Period 1914-1937: organised marketing but unco-ordinated; the role of co-operatives in marketing but without legal monopolies; the first marketing boards. Marketing act of 1937: reasons for creation, objectives and results obtained. Creation of marketing boards: General purpose; problems created by the marketing boards.

Marketing act 1968: Definitions. Marketing schemes: establishment, amendment suspension and revocation. Control boards. National marketing council, consumers' advisory committee. Financial provisions. Control under a scheme. Marketing matters in general, regulations; offences and penalties.

Different schemes: Free price systems. Fixed price systems. Floor price systems. Quantity control systems. Other minor modification systems.

(Two lecture periods per week).

(Prerequisites: AE 131)

AE 301 Introduction to Linear Programming (1+½)

Common structure of linear programming problems; graphical representation; objective function; restraints; non-negative conditions. Assumptions for linear programming: linear functions; stability of functions through price changes. Optimizing the objective function: Simplex solution: mechanics. Interration: Computer feasibility. The dual problem: formal relations to the primal problem. Economic interpretation of linear programming.

Practical Work

Setting up of the primal problem. Solving problem through simplex method. Solving problem through the use of a computer. Solving the dual problem and interpreting results.

(One lecture period and half a practical class per week).

(Prerequisites: AE 121 or Mathematics I)

AE 312 Project (0+2)

A project of limited scope to give the student experience in the handling and presentation of data.

(Two practical classes per week).

(Prerequisites: AE 221, AE 212, AE 301).



University of Fort Hare

AE 391/392 Seminar (1+0) *Together in Excellence*

Each student shall prepare and present two written papers on selected subjects.

(One lecture period per week).

(Prerequisites: AE 221, AE 212).

AGRICULTURAL ENGINEERING

EN 102 Introduction to Agricultural Engineering (5+1)

The field of Agricultural Engineering, power plants and the power requirements of machinery and tools; repair work, the workshop and its equivalent, farm machinery, different types of machines, their operation and maintenance, power transmission of belts, axles and gears. Implements: operation, maintenance and repair. Surveying: measuring techniques and apparatus. Cooling: radiators, heat insulation and cooling systems. Architecture: fundamentals, farm buildings and building materials. Hydraulics: water pressure, pumps, their operation and installation. Electricity: fundamentals.

(Five lecture periods and one practical class per week).

(Prerequisites:—).

AGRICULTURAL EXTENSION

EX 102 Introduction to Agricultural Extension (3+0)

The objectives, principles and philosophy of extension. The agricultural extension service—operation and requirements thereof, with special reference to the Bantu Homelands. The farmer in his social environment: cultural patterns as basis for social behaviour; the influence of education; social and personal reaction to new ideas and resistance to

change. The adoption of improved farming practices. Leadership in agricultural extension: Identification of leaders; leadership development. Communication, its objectives and an analysis of the process; extension teaching methods—classification, effectiveness and analysis of the different methods. Programme planning in agricultural extension: Objectives and philosophy; building extension programmes; procedures in programme planning.

(Three lecture periods per week).

(Prerequisites:—)

EX 202 Extension, Evaluation and Research (3+1)

Evaluation and research in extension: Evaluation of the extension situation; approaches to the extension situation, the technical situation, the social situation and the economic situation. Organisation of evaluation and research in extension; planning and conducting of an evaluation project.

Practical Work

Application of extension teaching methods. Programme planning. Study and evaluation of extension situations. Reporting of data.

(Three lecture periods and one practical class per week).

(Prerequisites: EX 102).

University of Fort Hare
Together in Excellence

ANIMAL HEALTH

AH 102 Anatomy and Physiology (5+1)

The anatomy and physiology of farm animals supported by histology and embryology. Emphasis placed on normal development and function to provide a background for the Animal Health course.

Practical Work

Anatomy, Physiology and Histology of healthy organ systems.

(Five lecture periods and one practical class per week).

(Prerequisites:—).

AH 112 Elementary Animal Health (5+1)

An introduction to the normal anatomy and physiology of farm animals with an abbreviated section on frequently occurring abnormalities and infectious diseases.

Practical Work

Elementary diagnostic and therapeutic procedures, comparing healthy animals with sick ones.

(Five lecture periods and one practical class per week).

(Prerequisites:—).

AH 201 Animal Health: Non-infectious Diseases (5+1)

Clinical and pathological examination of farm animals. Some examples of the most important medical, surgical and gynaecological conditions of farm animals giving aetiology, course, treatment and prophylaxis.

Practical Work

Demonstration of clinical cases and elementary therapeutic principles.

(Five lecture periods and one practical class per week).

(Prerequisites: AH 102).

AH 212 Animal Health: Infectious Diseases (5+1)

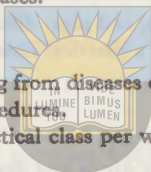
The most important diseases of farm animals caused by specific agents, dealing with the biology of these agents, occurrence, symptoms produced in life and after death, treatment of animals suffering from these diseases, preventative measures and Government regulations concerning these diseases.

Practical Work

Demonstration of animals suffering from diseases caused by specific agents; diagnostic, therapeutic and preventative procedures.

(Five lecture periods and one practical class per week).

(Prerequisites: AH 102).



University of Fort Hare

Together in Excellence

ANIMAL SCIENCE

AS 101 Introduction to Animal Science (5+1)

Introduction to animal husbandry and livestock industry in South Africa; types and breeds of farm livestock; evolution, origin, characteristics and usefulness. Regionalisation of livestock production, nutritional aspect, maintenance, production energy and other requirements, roughage, sweet—and sourveld; fresh milk, beef, sheep, pig and poultry regionalisation. Terminology definitions used in describing animals. Environment and adaptability. Basic principles of animal production; reproduction, bone growth, development and growth, compensatory growth and milk secretion. Production and management practice of dairying, beef, pigs, horses, sheep and goats.

Practical Work

Cattle, pig and horse judging. Farm visits.

(Five lecture periods and one practical class per week).

(Prerequisites:—).

AS 202 Principles of Animal Nutrition (5+1)

Introductory fundamentals of animal nutrition; nutrients and their metabolism; the measurement of body requirements and feed values; nutritive requirements for body processes and productive functions; nutritional properties of miscellaneous South African feedingstuffs.

Practical Work

Feed orientation and evaluation; nutritional practice on the farm; organised visits to farms and institutions.

(Five lecture periods and one practical class per week).

(Prerequisites: AS 101)

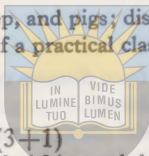
AS 212 Meat Science (4+ $\frac{1}{2}$)

Production and consumption of meat. Structure of meat; histology, colour and chemistry. Quality requirements and standards with factors influencing quality; tenderness, colour, fat colour, hardness of fat, marbling, flavour, growth and carcass ratios. Carcass evaluation and dressing percentage. Treatment of meat and meat animals; meat as a human food; slaughter methods. Seedy cut in pork. Skinning and treatment of hides and skins.

Practical Work

Carcass cutting of cattle, sheep, and pigs; dissection, deboning and visits to abattoir. (Four lecture periods and half a practical class per week).

(Prerequisites: AS 101).



AS 221 Poultry Production (3+1)

The poultry industry in South Africa and developing territories. The evolution and classification of breeds together with characteristics and utility value. Reproduction, and production of eggs and meat and the influences of environmental and genetic factors on production. Rearing systems and flock management and marketing of poultry products. Health considerations.

Practical Work

In laboratory and on poultry unit; organised tours.

(Three lecture periods and one practical class per week).

(Prerequisites:—)

AS 232 Animal Breeding (2+ $\frac{1}{2}$)

Breeding background: genotypic and phenotypic variation, heritability, and repeatability. Selection and selection techniques and factors affecting the efficiency of selection. Mating systems. Breeding plans for dairy and beef cattle and pigs and other species.

Practical Work

Calculations of breeding parameters and their application in practice.

(Two lecture periods and half a practical class per week).

(Prerequisites: GE 311)

AS 241 Dairy Science (3+1)

Historical survey and present position of the dairy industry. The composition of milk and dairy by-products and handling considerations. Dairy chemistry, microbiology, technology and production hygiene.

Practical Work

In laboratory and on farm; organised tours.

(Three lecture periods and one practical class per week).

(Prerequisites:—).

As 301 Animal Production Systems (5 + 1)

Bovine and Pig Production Systems: Dairy, beef and pig industries + reproduction, rearing, general management (intensive and extensive schemes), nutritional, production and marketing considerations, and environmental influences. Applications in developing territories.

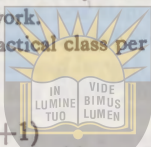
Work Animals: Training, management and handling of equines and oxen; role in agriculture with special emphasis on developing agriculture.

Practical Work

Related practical work on the University Farm; organised visits to selected local farms and institutions. Laboratory work.

(Five lecture periods and one practical class per week)

(Pre-requisites: AS 202)

**AS 312 Advanced Nutrition (5+1)**

Energy metabolism in relation to nutrition and methods of measuring the energy metabolism of animals. Indirect estimation of heat from material transformations. Basal expenditure of energy. Energy cost of body movement. Effect of environment on energy metabolism. Metabolizable energy requirements and its calculation. Ruminant digestion and ruminant products and their utilization. Regulation of energy intake. Limitations of existing feeding systems. Physiology of digestion, absorption and metabolism in the ruminant. Volatile Fatty Acid Utilization and Heat Increment for the various production functions. Least cost rationing (linear programming).

Practical Work

The in vitro determination of digestibility, conducting a digestibility trial, nitrogen balance determination, vitamin demonstration trial, determination of body water and body energy concentration in small animals, and mineral studies.

(Five lecture periods and one practical class per week).

(Prerequisites: AS 301).

AS 322 Project in Animal Production (0+2)

The student is required to participate actively in a selected project involving animal production, the results of which are to be presented in the form of a scientific dissertation.

(Two practical classes per week).

(Prerequisites: AS 202).

AS 332 Special Topics in Animal Science (2+0)

A study of research papers on selected topics of animal science.

(Two lecture periods per week).

(Prerequisites: AS 202)

AS 391/392 Seminar (1+0)

The student is required to prepare and present orally a seminar on a topic which must be preceded by a 200 level course in the subject concerned.

(One lecture period per week).

(Prerequisites: AG 202)

BIOCHEMISTRY

BC 101 General Biochemistry (6+1)

General introduction. Cellular structure and function. Physical Biochemistry; buffers, pH. Biochemistry of carbohydrates, lipids, nucleic acids, amino acids, peptides and proteins. Simple consideration of enzymes. Major routes of carbohydrate metabolism in plants and animals. Metabolism of N-compounds. Urea cycle. Metabolism of lipids. Biosynthesis of carbohydrates in animals and plants. Biosynthesis of nucleic acids and proteins. Biosynthesis of lipids. Plant biochemistry; photosynthesis, including the light and dark reactions. Plant hormones. Animal biochemistry; aspects of animal biochemistry including consideration of body fluids, organs and hormones.

Practical Work

Examination of the properties of chemical constituents of living organisms. Demonstration of metabolic experiments.

(Six lecture periods and one practical class per week).

(Prerequisite: Chem. I).

BC 201 Introductory Biochemistry (4+1)

General introduction to Biochemistry. Cellular structure including intracellular organisation and biochemical function. Consideration of properties and structures of carbohydrates, nucleic acids, lipids, amino acids, peptides and proteins. Acids, bases and buffers in aqueous solution. Concept of pH.

Practical Work

Conduct in Biochemistry Laboratory. Examination of properties of the constituents of living systems.

(Four lecture periods and one practical class per week).

(Prerequisite: Chem. I. Co-requisite: Chem. II).

BC 212 Catabolic Metabolism (4+1)

Introduction to principles of metabolism and to metabolic pathways. Glycolysis. Hexose monophosphate pathway. Citric acid cycle; stoichiometry and factors influencing the cyclic oxidation of acetyl-S-CoA. Alternative pathways of carbohydrate degradation. Oxidation of fatty acids and degradation of complex lipids; odd and even-number chains. Alternative routes of fatty acid oxidation. Formation of Ketone bodies. Metabolism of amino acids, purines and pyrimidines. Urea cycle. Special aspects of metabolism of N-compounds.

Practical Work

Examination of simple metabolic systems.

(Four lecture periods and one practical class per week).

(Prerequisite: BC 201. Co-requisite: Chem. II).

BC 221 Anabolic Metabolism (4+1)

Introduction. Biosynthesis of carbohydrates, including polysaccharides of plant and animal origin. Formation of glucose from pyruvate [gluco(neo) genesis].

Biosynthesis of lipids; glycerides, phosphatides, sphingolipids. Biosynthesis of steroids. Biosynthesis of nucleic acids; DNA and RNA. Biosynthesis of proteins. Facts and notions concerning the control of biosynthetic pathways.

Practical Work

Introduction to an experimental evaluation of biosynthetic processes. Enzymology.

(Four lecture periods and one practical class per week).

(Prerequisite: BC 202. Co-requisite: Chem. III).

BC 231 Introduction to Physical Biochemistry (2+1)

Introduction. Chromatography, spectrophotometry and centrifugation. Biochemical relevance of pH, chemical equilibria. Enzymes and enzyme Kinetics.

Practical Work

Study of acid-base characteristics of biochemical substances. Chromatography and electrophoresis. Examination of enzyme systems.

(Two lecture periods and one practical class per week.)

(Prerequisite: BC 212.)

BC 242 Physical Biochemistry (2+1)

Introduction. Biochemical energetics, including the application of thermodynamics to biological systems. Redox systems. Electron transport and respiratory chain. Oxidative phosphorylation.

Practical Work

Examination of oxidation-reduction potentials. Isolation and study of mitochondria.

(Two lecture periods and one practical class per week.)

(Prerequisite: BC 231. Co-requisite: Chem. III.)

BC 302 Physiological Biochemistry (4+1)

Introduction to Animal Biochemistry. Biochemistry of body fluids; blood, urine, cerebrospinal and other specialised extracellular fluids. Biochemistry of specialised organs; eye, muscle, nervous tissue. Hormone biochemistry. Detoxification mechanisms.

Practical Work

Chromatography of tissue extracts. Enzymology of tissue homogenates and sub-cellular fractions. Whole animal studies. Radiochemistry.

(Four lecture periods and one practical class per week.)

(Prerequisites: BC 242, Chem. III.)

BC 311 Nutritional Biochemistry (2+1)

Introduction. Biochemical role of macro-nutrients. Nutritional disorders. Vitamins and co-enzymes.

Practical Work

Enzymology. Chromatography. Whole animal experiments, radiochemistry.
(Prerequisite: BC 242, Chem. III.)

BC 321 Introduction to Microbial Biochemistry (2+1)

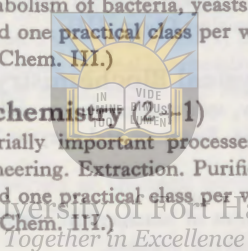
Introduction. Fermentation pathways; ethanol, lactate, succinate, butyrate, propionate and acetoin. Biosynthesis of aromatic compounds from acetate. Role of the isoprene unit in biosynthesis. Antibiotics. Nitrogen fixation. Cell wall biosynthesis.

Practical Work

Examination of the metabolism of bacteria, yeasts and fungi. Radiochemistry.
(Two lecture periods and one practical class per week.)
(Prerequisites: BC 242, Chem. III.)

BC 332 Microbial Biochemistry (2+1)

Biochemistry of industrially important processes mediated by micro-organisms. Aspects of biochemical engineering. Extraction. Purification. Fermentation technology.
(Two lecture periods and one practical class per week.)
(Prerequisites: BC 242, Chem. III.)



Practical Work

Fermentations and related processes.

BC 342 Plant Biochemistry (2+1)

Introduction. Plant pigment systems. Stoichiometry of photosynthesis. Cyclic and non-cyclic photophosphorylation. Path of carbon in photosynthesis. Quantum yield and energetics. Plant hormone biochemistry.

Practical Work

Examination of plant pigment systems. Isolation of chloroplasts. Light reaction. Investigation of plant hormones.
(Two lecture periods and one practical class per week.)
(Prerequisites: BC 242, Chem. III.)

BC 352 Advanced Techniques in Biochemistry (2+1)

Introduction. Use and operation of sophisticated biochemical instrumentation. Spectrophotometry, centrifugation, chromatography, manometry, isotopes in Biology. Sub-cellular fractionation procedures.

Practical Work

Selected experiments applying the above techniques.
(Two lecture periods and one practical class per week.)
(Prerequisites: BC 242, Chem. III.)

BC 362 Biochemical Genetics (2+1)

Introduction. Aspects of classical Genetics. DNA as genetic material. Molecular and biochemical genetics; one gene one polypeptide. Salient features of the genetic code, Messenger RNA.

Practical Work

Properties of DNA & RNA: Isolation and purification. Enzymology.

(Two lecture periods and one practical class per week.)

(Prerequisites: BC 242, Chem. III.)

CROP SCIENCE**CS 101 Agro-meteorology and Water Relations (3+1)**

Climate as a limiting factor in South African agriculture. A study of the methodology of climatic surveys for the purpose of agricultural land use planning: Humidity; rainfall; temperature; radiation; evaporation; integration of climatic data. The water factor in South African agriculture. National water resources; desert encroachment. Evapotranspiration: Environmental and plant factors determining the rate of evapotranspiration. Effect of water deficit on plants: Effects on cell volume and growth; respiration; photosynthesis; successive wetting and drying cycles; mineral nutrition; the interaction between water and nutrition; drought resistance mechanisms; drought hardening; agricultural application of drought resistance mechanisms. Efficiency of water use: Relative water requirement of crops; factors determining efficiency of water use and their agricultural application; water budgeting.

Together in Excellence

Practical Work

Installation and maintenance of meteorological equipment; weather recording; natural vegetation as index of climate; utilization of meteorological records in land use planning. Climate of the Bantu Homelands; animal climatology; anatomical and physiological studies of drought resistance in selected field crops; water budgeting in cropping systems.

(Three lecture periods and one practical class per week).

(Prerequisites:—).

CS 112 Introduction to Plant Science (5+1)

Human nutrition: Population growth and world food supply; components of nutrition; food chains; deficiency states and nutritional disorders in the rural African; the role of the agriculturist in the alleviation of nutritional deficiencies. Origin, classification and nomenclature of economic plants. Classification of the Gramineae. Morphology: Structure of economic plants in relation to management practices. Growth and development: Interrelationships of growth processes; allometric growth; growth reactions in communities as opposed to plants growing in isolation; yield criterion in relation to crop management; growth and development of fruit and grasses. Reproduction and propagation: Seed propagation; viability; dormancy; seed technology; asexual propagation. Applied Plant Science: Optimal land use; principles of soil and water conservation; cropping system and practices involving ley cropping; tillage and weed control. Elements of horticulture involving selection of orchard site and pruning. Elements of pasture management: principles of grazing; pasture management practices.

Practical Work

A study of the morphology of the gramineae and selected crops. Practice in contour farming. Practical demonstration of pasture management practices. A study of pruning and propagation methods.

(Five lecture periods and one practical class per week).

(Prerequisites: CS 101).

CS 121 Elementary Irrigation (2+ $\frac{1}{2}$)

Introduction: The importance of irrigation in South African agriculture; types of irrigation. The soil-plant-atmosphere system: The dynamic nature of the system; a study of the factors resulting in declining productivity of irrigable soils. Planning: The socio-economic and physical factors involved in planning and irrigation schemes. Prediction of irrigation needs: Application of elementary criteria of climate, plant and soil in irrigation scheduling. Field application of water: Methods of irrigation; selection implementation and evolution of surface and overhead systems. Drainage.

Practical Work

Practical methods of estimating plant water requirement and the irrigation potential of soils; planning and implementing systems of irrigation.

(Two lecture periods and half a practical class per week).

(Prerequisites: CS 101).

CS 201 Elements of Crop Production (5+1)

Agronomy as an integrating science. The morphology, physiology and management practices of maize, sorghum, wheat, potatoes, sugar cane and pulses.

Practical Work

A study of the anatomy and ontogeny of crop plants; assessment of potential and target yield; heat budgeting; farm machinery in field crop production; elements of grain grading.

(Five lecture periods and one practical class per week).

(Prerequisites: CS 112).

CS 211 Advanced Crop Science (4+1)

The production of specialized crops: Morphology, physiology, quality and yield criterion in relation to the production of tobacco and fibre crops including a study of specialized cultural practices and processing. Ley Cropping: A study of the principles and practices of crop rotation. Crop Physiology: Crop physiological and ecological principles as a basis for the management of field crops.

Practical Work

A study of the morphology of the tobacco and cotton plants; elements of tobacco curing; elements of vegetable fibre technology. Exercises in comparative physiology and morphology of selected crops relative to crop production practice. Exercises in the integration of cropping sequences and the implementation of rotations.

(Four lecture periods and one practical class per week).

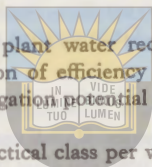
(Prerequisites: CS 201).

CS 222 Principles of Irrigation (5+1)

Introduction: Irrigated areas of the world; the productivity and value of irrigated land; importance and scope of irrigation in South Africa. The Soil-Plant-Atmosphere system: The dynamic nature of the system; interaction between climate, plant and soil factors; evapotranspiration and energy balance concepts; crop and soil factors; concepts related to the maintenance of long-term productivity; soil water availability; leachino requirements; brak formation; irrigation water buality. Planning: Social, economic and physical aspects involved in the selection of irrigable land; the assessment of physical factors; planning. Prediction of irrigation needs: Application of energy balance, empirical and physical methods; practical considerations in scheduling irrigation. Field application of water: Efficiency of irrigation; the design, implementation and efficiency assessment of surface and overhead systems. Drainage: The salt balance concept; designing a relief draining system.

Practical Work

Practical methods of estimating plant water requirement; measurement of water flow; water budgeting; field evaluation of efficiency of surface and overhead systems; assessment of infiltration capacity, irrigation potential of soils, water quality; planning an irrigation scheme.



(Five lecture periods and one practical class per week).

(Prerequisites: CS 112)

University of Fort Hare

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CS 302 Special Topics in Crop Science (2+½)

Experimental techniques: The field plot experiment with reference to selection of site, experimental material, plot size, sample number; the problem of what to measure; measurement of the living plant; division of the plant; harvesting; experimentation in controlled environments; pot experiments; biometry in agronomic research. Growth analysis: Quantitative analysis of plant growth; problems of mensuration; yield in relation to growth attributes. Research topics: A study of selected investigations into current agronomic problems with the object of acquiring a scientific approach and gaining insight into the pitfalls of agronomic research.

Practical Work

A study of current research on the university experimental farm; analysis of the factorial and split-plot experiments; the field laboratory concept and techniques employed in environmental research; biometrical evaluation of data on growth analysis.

(Two lecture periods and half a practical class per week).

(Prerequisites: CS 201, BM 102).

CS 391/392 Seminar (1+0)

A student is required to prepare and present orally a seminar on a topic which must be preceded by a 200 level course in the subject concerned.

(Time allotted equivalent to one lecture period per week).

(Prerequisites: —).

GENETICS

GE 101 Introduction to Genetics (4+1)

The cell theory of life. The general morphology of the cell. Review of subcellular components. Life cycles and cell division. Mendelian principles. Gene interaction. Sex linkage. Multiple allelism. Linkage and chromosome mapping. The central dogma of molecular biology. Changes in the genetic material.

Practical Work

Examination of prepared slides. Controlled crosses in *Drosophila melanogaster*.

(Four lecture periods and one practical class per week).

(Prerequisites: —)

GE 111 Elements of Genetics (2+1)

Probability theory as applied to genetics. Statistical treatment of quantitative factors. Genetic recombination. Mutation. Gene control mechanisms. Developmental genetics. Extra nuclear heredity.

Practical Work

Controlled crosses in *D. melanogaster*, *E. coli* and *Chlamydomonas*.

(Two lecture periods and one practical class per week).

(Prerequisites: GE 101)

GE 201 Population Genetics (4+1)

Large random mating populations. Equilibrium populations. Various types of mating in populations. Theory of path coefficients. Effects of mutation, selection, migration and genetic drift.

Practical Work

Selected topics and problems in population genetics.

(Four lecture periods and one practical class per week).

(Prerequisites: GE 101)

GE 222 Plant Breeding (2+½)

Nature and goals of plant breeding. Plant introduction and domestication. Reproductive systems and plant breeding methods. Various breeding techniques. Inbreeding, selection, heterosis, outcrossing. Polyploidy. Mutation breeding.

Practical Work

Practical experience in the techniques employed in the breeding of common field crops (*Z. mays*, *Lolium spp.*, *Gossypium* and *Phaseolus*, etc.)

(Two lecture periods and half a practical class per week).

(Prerequisites: GE 101)

GE 301 Cytology (2+1)

Review of cellular and subcellular components and organelles. Cell division. Cytogenetics.

Practical Work

Techniques employed in light microscopy. Fixation, infiltration, embedding, sectioning and mounting of microscopic specimens. Stains, staining, mordants. Squash preparations.

(Two lecture periods and one practical class per week).

(Prerequisites: —)

GE 311 Biometrical Genetics (2+0)

Quantitative heredity. Statistical methods. Heritability. Selection, inbreeding, cross-breeding, heterosis, overdominance.

(Two lecture periods per week).

(Prerequisites: —)

GE 322 Microbial Genetics (4+2)

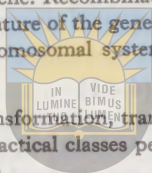
The nature and function of the gene. Recombination analysis. Biochemical genetics. Genetic fine structure analysis. The nature of the genetic material. Mutation. Genetics of bacteria and bacteriophage. Extrachromosomal systems.

Practical Work

Ascospore analyses. Bacterial transformation, transduction, sexduction, conjugation.

(Four lecture periods and two practical classes per week).

(Prerequisites: GE 101, MB 102)



University of Fort Hare

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HORTICULTURAL SCIENCE

HC 211 Elements of Fruit and Vegetable Production (5+1)

A brief survey of the South African horticultural industry, including horticulture in the Bantu Homelands. Plant nomenclature, horticultural terminology and classification of horticultural crops. Climate as a factor in horticultural crop production; hail and frost protection; windbreaks for fruit orchards. Principles of horticultural crop management, including soil and site selection, orchard layout, spacing, irrigation, fertilization, cover cropping, weed control. Pollination, fruit set and fruit thinning. The principles and practices of pruning. Introductory studies of the botany, ecology, cultivars, propagation and management of selected temperate, citrus, tropical and sub-tropical fruitcrops. A brief study of vegetable production.

Practical Work

Orchard layout and management practices. Pruning and fruit thinning of deciduous fruit trees. Pruning and trellising of grape vines. Propagation of selected fruit crops. The planting, management and harvesting of vegetable crops. Identification and evaluation of fruit and vegetable cultivars. Visits to producers, packhouses and/or processing factories, and to the Pineapple Research Station and Municipal Fresh Produce Market, East London.

(Five lecture periods and one practical class per week).

Prerequisites: CS 112)

Note: This course should be taken in preference to HC 201 by those students who will not be taking more than one course in Horticultural Science.

HC 201 Elements of Horticultural Science (5+1)

A brief summary of the South African Horticultural Industry, including horticulture in the Homelands. Plant nomenclature, horticultural terminology and classification of horticultural crops. Climate as a factor in horticultural crop production; hail and frost protection; windbreaks for fruit orchards. Principles of horticultural crop management, including soil and site selection, orchard layout, spacing, irrigation, fertilization, cover cropping, mulching and weed control. Plant propagation with special reference to the principles and practices of asexual propagation. Plant growth and development: natural and synthetic growth substances; juvenility and senescence; flowering, flower physiology, fruit set, fruit growth and fruit ripening. Fruit harvesting and storage.

Practical Work

Orchard layout and management practices. Plant growth and development studies. Asexual propagation techniques including mist propagation. Visits to commercial fruit orchards and packhouses.

(Five lecture periods and one practical class per week)

(Prerequisites: CS 112)

HC 301 Temperate Fruits (4+1)

Studies of the economic importance, distribution, botany, growth, physiology, ecology, cultivars, propagation, management, marketing, and major pests and diseases of the more important temperate fruits, e.g. stone and pome fruits and table grapes. Particular attention to be paid to climatic requirements, principles and practices of pruning/training system; rootstocks.

Practical Work

Production practices including propagation, pruning, training, fruit thinning, harvesting, grading and packing. Identification and control of pests and diseases.

(Four lecture periods and one practical class per week)

(Prerequisites: HC 201)

HC 311 Citrus Fruits (4+1)

Studies of the economic importance, distribution, botany growth, physiology, ecology cultivars, propagation, management, marketing, and major pests and diseases of citrus fruits, (oranges, grapefruit, lemons, mandarins). Particular attention to be paid to climatic requirements and distribution, cultivar characteristics, propagation and in particular nucellar embryony, fruit quality and factors affecting quality, packhouse management, disease and pest control.

Practical Work

Visits to citrus orchards and packhouses; packhouse management. Propagation of citrus. Citrus quality tests. Identification and control of citrus pests and diseases.

(Four lecture periods and one practical class per week)

(Prerequisites: HC 201)

HC 322 Vegetable Crops (4+1)

Brief survey of the South African vegetable industry including vegetable production in the Bantu Homelands. Importance and food value of vegetable crops. Classification of vegetable crops. Types of vegetable growing. Climate and soil as factors in vegetable

growing. Nutrient requirements of vegetable crops; application of fertilizers. Seeds, seed production, seed certification and testing. Seedbed preparation, sowing and transplanting. Management of vegetable crops. Marketing and storage, including the importance of quality. Vegetable processing. Economic importance, botany, nutritional value, production areas, climatic requirements and other selected aspects of the major vegetable crops.

Practical Work

Laboratory work, including seed quality and germination tests. Field work, including the raising of vegetable seedlings and management of the crop. Evaluation of cultivars and quality. Judging of vegetables. Visits to vegetable producers, processing factories and to the Municipal Fresh Produce Market, East London.

(Four lecture periods and one practical class per week).

(Prerequisites: HC 201).

HC 332 Sub-tropical Fruits (4+1)

Studies of the economic importance, distribution, botany, growth, physiology, ecology, cultivars, propagation, management, marketing, and major pests and diseases of the more important tropical and sub-tropical fruit and nut crops, tea and coffee.

Practical Work

Field trips including possible visits to a pineapple farm and cannery, the Pineapple Research Station, and to tea and coffee plantations. Laboratory studies of eelworm infection in pineapples; control measures. Fruit and nut studies.

(Four lecture periods and one practical class per week)

(Prerequisites: HC 201)

HC 341 Horticultural Project (0+1)

HC 342 Horticultural Project (0+1)

Two separate projects or one continuous project (i.e. extending over two consecutive semesters)

Field work, in the form of a minor research project, aimed at giving the student practical experience with the production and scientific study of fruits or vegetables. A report to be submitted.

(Each course equivalent to one practical class per week)

(Prerequisites: HC 201)

HC 352 Special Topics in Horticultural Science (2+½)

Special topics, mainly on fruit crops, designed to supplement previous courses and to provide a small degree of specialization in a desired direction.

(Lectures, assignments and practicals as necessary but equivalent to two lecture periods and half a practical class per week).

(Prerequisites: HC 301 or HC 311 or HC 332; Co-requisite: HC 322)

HC 391/392 Seminar (1+0)

A student is required to prepare and present orally a seminar on a topic which must be preceded by a 200 level course in the subject concerned.

(Time allotted equivalent to one lecture period per week)

(Prerequisites: HC 201 or HC 211)

MICROBIOLOGY

MB 102 Introduction to Microbiology (4+1)

Definition, scope and importance of microbiology. History of microbiology. The eucaryotic and procaryotic protists. Classification of bacteria. Blue-green algae. Bacterial structure and function. Cultivation of bacteria. Bacterial metabolism. History of viruses. Tobacco mosaic virus. The bacteriophages. Animal viruses. Introduction to immunology. Blood and its components. Symbiosis. The rumen. Algae. Lichens. Mycorrhizae. Legumes and Rhizobia. Sterilization and Pasteurization.

Practical Work

Use of the microscope. Techniques of isolating, cultivating and examining bacteria. Respiration and fermentation. Plant virus diseases. Bacteriophages. Isolation of selected groups of Bacteria. Analysis of milk and water.

(Four lecture periods and one practical class per week).

(Prerequisites:—).

MB 111 Mycology (4+1)

The role of fungi in human affairs. The Acrasiales and Labyrinthulales. Myxomycetes. Phycomycetes. Ascomycetes and Imperfect Fungi. Basidiomycetes.

Practical Work

Isolation and identification of selected fungi.

(Four lecture periods and one practical class per week).

(Prerequisites:—).



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MB 201 Serology and Immunology (1+½)

The nature and structure of antigens and antibodies. Antigen/antibody reactions. Theories of antibody formation. Applications of antigen/antibody reactions in plant and animal viruses. The precipitin test. The agar single and double diffusion tests.

Practical Work

Preparation of antisera. Micro- and ring interface precipitating tests. Oudin agar single and double diffusion tests. Ouchterlony agar double diffusion test.

(One lecture period and half a practical class per week).

Prerequisites: MB 102; BC—).

MB 212 Soil Microbiology (3+1)

Introduction to soil microbiology. The microbial flora of the soil. Rhizosphere and rhizoplane. Decomposition processes. Humus. The carbon cycle. Nitrification and denitrification. Nitrogen fixation. Sulphur cycle. Phosphorus cycle. Microbiology of the rhizosphere. The biological equilibrium in soil.

Practical Work

Techniques for the observation of soil microbes. The enumeration of the soil population. Quantitative examination of rhizosphere bacteria. Isolation of selected genera of soil bacteria and fungi.

(Three lecture periods and one practical class per week).

(Prerequisites: MB 102)

MB 221 Plant Pest Control (4+1)

Vegetative and reproductive cycles of crops and the types of pest/disease affecting the various stages. Effect of famines on mankind with reference to the Irish potato famine. Discovery of seed treatment for disease control. Sulphur and lime-sulphur as fungicides. Rusts and smuts of wheat. Introduction to economic entomology. Quarantine measures. Chemical control measures. Fungicides. Insecticides. Fumigants. Herbicides. Nematicides and nematodes.

Practical Work

Survey of pests and diseases on various crops. Commonly used insecticides and fungicides and mode of application. Calibration of mechanical sprayers. Weed-killers and their uses. Techniques for recovery of nematodes from soil.

(Four lecture periods and one practical class per week).

(Prerequisites: MB 102)

MB 232 Plant Virology (2+1)

Symptomatology of plant virus diseases. Techniques for the assay of plant viruses. Transmission of plant viruses. Properties of plant viruses. Interactions of plant viruses and their hosts. Effect of environment upon the expression of plant virus diseases.

Practical Work

Studies of selected host plant/virus combinations.

(Two lecture periods and one practical class per week).

(Prerequisites: MB 102)

University of Fort Hare

MB 301 Physiology of Bacteria (2+1)

Nutritional requirements for bacterial growth. Measurement of growth. Chemical composition of bacteria. Energy metabolism Protein and amino acid catabolism. Photosynthetic energy metabolism. Biosynthetic metabolism. Biosynthesis of amino acids, proteins, lipids and nucleic acids. Endotoxins and exotoxins.

Practical Work

Techniques for measuring bacterial growth. Isolation of cell walls. Utilization of carbon compounds. Bacterial fermentations. Fatty acid synthesis.

(Two lecture periods and one practical class per week).

(Prerequisites: MB 102; BC—).

MB 312 Industrial Microbiology (3+1)

Role of industrial microbiology in society. Taxonomy of yeasts and their cultivation. Brewing and wine industry. Vitamin production by yeasts. Bacterial fermentations. Butanol-acetone bacteria. Lactic acid bacteria. Acetic acid and propionic acid fermentations. Fungi and their uses. Acids and enzymes produced by fungi. Antibiotics. Types of fermenters used in industry.

Practical Work

Techniques of yeast culture. Visit to brewery. Techniques of large scale bacterial culture. Antibiotic production. Tour of pharmaceutical firm to inspect antibiotic production. Enzymatic activity of fungi and bacteria.

(Three lecture periods and one practical class per week).

(Prerequisites: MB 111; MB 301)

PASTURE SCIENCE

PS 102 Pasture Ecology (3+1)

Introduction to plant ecology involving a study and analysis of plant succession. Classical examples of plant succession and a consideration of the productivity of ecological systems. The effects, role and use of fire in the management of vegetation for agricultural purposes. The vegetation of South Africa with special reference to the origins of the three main vegetation types and recent changes that have occurred on a national scale. A comparison of the utilization of vegetation by wild and domestic ungulates.

Practical Work

Practical demonstrations of plant ecology, veld burning and the vegetation of South Africa. Illustrated discussion on the utilization of vegetation by wild and domestic ungulates.

(Three lecture periods and one practical class per week).

(Prerequisites;—)

(Co-requisites: CS 112)

PS 201 Pasture Management (4+1)

The objectives and principles of pasture management. The ontogeny of the grass plant and the physiological and ecological approaches to pasture utilization. Critical growth periods and the objectives of resting veld. Plant/animal relationships with special reference to animal preference, acceptability and selective grazing. Pasture terminology encompassing terms and definitions of the properties of vegetation, types of management and land/animal relationships. Discussion and evaluation of continuous grazing, rotational grazing, rotational resting, rotational grazing and resting and mowing of veld. Description and appraisal of different veld management systems.

Practical Work

Practical demonstrations of the different growth stages in the grass plant. Small plot studies of the effect of frequency and intensity of defoliation on the yield; quality and vigour of pasture plants. Field excursions to study the practical application of the different grazing practices and veld management systems.

(Four lecture periods and one practical class per week).

(Co-requisites: CS 112).

PS 212 Fodder Production and Conservation (3+½)

The classification, establishment, maintenance and utilization of cultivated pasture and fodder crops. Detailed studies of certain selected cultivated pasture and fodder crop species. Fodder conservation through silage and hay making. Drought resistant fodder crops and fodder trees, their role and purpose in the farming system. Description, establishment and management of selected drought resistant fodder crop species.

Practical Work

The identification of cultivated pasture and fodder crop species. Practical demonstrations on the establishment and management of cultivated pastures. Discussion and demonstrations of silage and hay making.

(Three lecture periods and half a practical class per week).

(Co-requisites: PS 201).

PS 222 Veld Rehabilitation (2+½)

Introduction to the encroachment and eradication of undesirable plants in the veld. Different types of encroachment, the extent of the problem in South Africa and the causes of the encroachment. Methods for the eradication and control of undesirable plants. The reseeded of veld with emphasis on objectives, factors determining the success of reseeded, choice of plant species, establishment, fertilization and management of reseeded areas. Insect pest control in veld. Methods for the control of harvester termites, antheap termites and other insect pests.

Practical Work

Illustrated and field demonstrations of encroachment and eradication of undesirable plants in the veld. Field studies of the reseeded of veld and the control of insect pests.

(Two lecture periods and half a practical class per week).

(Co-requisites: PS 102).

PS 231 Advanced Pasture Management (4+1)

Prescribed reading and discussions on pasture ecology, applied pasture management, Physiology of pasture plants, radical veld improvement, cultivated pastures, veld and pasture plants as feed for livestock, soil conservation and game farming.

Practical Work

Demonstrations, field and laboratory studies and visits to field experiments and agricultural research stations.

(Four lecture periods and one practical class per week).

(Prerequisites: PS 201).

PS 302 Special Topics in Pasture Science (2+½)

Pasture research techniques for the quantitative and qualitative assessment of vegetation. Sampling and small plot techniques in pasture research. Criteria for botanical analysis. The measurement of grazing capacity and utilization of herbage. The assessment of veld condition and trend.

Practical Work

The application of selected pasture research techniques for surveying and measuring vegetation in the field and laboratory.

(Two lecture periods and half a practical class per week).

(Prerequisites: PS 102).

PS 312 Project in Land-use Planning (0+2)**Practical Work**

The determination and description of the agricultural land unit and the present system of land use. The formulation of a proposed system of land use covering all aspects of agriculture pertaining to the particular land unit. The compilation of maps showing the present and proposed systems of land use.

(Two practical classes per week).

(Prerequisites: —)

SMALLSTOCK AND FIBRE SCIENCE

SF 201 Smallstock Science (5+1)

Regionalization of various important sheep and goat breeds—their adaptability production, reproduction and growth. Histological development of wool and mohair fibres; main physical characteristics, handling and marketing of wool and mohair.

Practical Work

Judging of smallstock; handling, classification and typing of wool and mohair. Visits to farms and institutions.

(Five lecture periods and one practical class per week).

(Prerequisites: —)

SF 212 Smallstock Management (3+½)

General management and organization of the smallstock industry; smallstock grazing habits, reproduction, (induced multi-ovulation, synchronization, flushing, etc), nutrition (milk replacer, drought and creep feeding, protein stabilization), production systems (intensive —extensive) and their application in developing territories.

Practical Work

Study of the managerial aspects of smallstock production with visits to farms, shearing and handling centres in the homelands; practical aspects of smallstock infrastructure. Supplementation and ration formulation for smallstock.

(Three lecture periods and half a practical class per week).

(Prerequisites: SF 201) University of Fort Hare

SF 222 Fibre Science (2+½) *Together in Excellence*

Textile fibres and their importance in the economic and cultural life of mankind; physical and chemical characteristics and required physio-chemical properties in order to render fibres suitable for use in the textile industry.

Practical Work

Chemical treatment of wool, bleaching agents, measuring tensile strength, crimp frequency, fibre thickness, felting reduction, determination of S:P ratios. Visits to wool wash and textile factory.

(Two lecture periods and half a practical class per week).

(Prerequisites: SF 201)

SOIL SCIENCE

SS 101 Introduction to Soil Science (5+1)

The origin of soils: types of parent materials, mineral and rock types, geological formations of South Africa, rock weathering. Soil formation and classification: the soil profile, horizons, nomenclature; factors of soil formation; classical soil types e.g. podsol, latosol, chernozem; S.A. soil classification, most important soil series. Physical properties of soils: texture, structure, moisture properties, soil air, soil temperature. Chemical properties of soils: chemical composition, clay minerals, cation exchange, pH, soil acidity, liming, brak soils. Biological properties of soils: organisms, organic matter, ammonification and nitrification. Soil fertility and fertilizers: fertility indicators, types and sources of N, P, K fertilizers, fertilizer mixtures, principles of fertilizer recommendation.

Practical Work

Study of minerals and rocks. Field excursions: land forms, factors of soil formation, elementary soil classification. Laboratory and field determination of important primary physical and chemical properties of soils. Fertilizer identification.

(Five lecture periods and one practical class per week).

(Prerequisites: Chemistry I).

SS 202 Chemical Analysis of Soils, Plants and Waters (1+2)

Introduction: Analytical techniques—theory and examples: titration, precipitation, colorimetry, flame spectrophotometry. The analysis of soils, plants and waters: objectives, sampling and storage of samples, important parameters, extraction problems, interpretation of results.

Practical Work

The analysis of standard solutions for SO_4 , P, NO_3 , CO_3 , HCO_3 , Cl, Ca, Mg, Na, K. The analysis of soils: saturated paste extract, P extraction, CEC and exchangeable Na, K, Ca, Mg. The analysis of plant material: N. by Kjeldahl, ashing and determination of Ca, Mg, K, P on ash extract. The analysis of water: EC, anions, cations, SAR.

(One lecture period and two practical classes per week).

(Prerequisites: SS 101).

SS 211 Pedology (3+1)

Introduction: definition, motivation. The soil profile: horizons, nomenclature. Soil genesis: factors of soil formation, geomorphology and the accumulation of parent material, rock and mineral weathering, horizon differentiation. Soil classification: why?, some classical systems, S.A. system in some detail.

Practical Work

Detailed description of soil profiles in the field followed in each case by classification. Exercises in simple series identification when provided only with profile description and analytical data.

(Three lecture periods and one practical class per week).

(Prerequisites:—).

SS 222 Plant Nutrition and Soil Fertility (4+½)

Historical introduction. Ion uptake and transport. Nutrient solution culture. Functions of inorganic nutrients in plants. Nutrient deficiencies. Soil chemistry of selected nutrients. Organic matter and green manuring. Soil fertility assessment. Fertilizer recommendations.

Practical Work

Pot experiment using nutrient solutions omitting selected nutrients. Soil fertility assessment using a biometrically designed pot experiment. Soil tests for P and K using different soils, including those used previously for pot experiment. Comparison of fertility assessment by pot experiment and soil test.

(Four lecture periods and half a practical class per week).

(Prerequisites: SS 101).

SS 301 Soil Chemistry (4+1)

Clay mineralogy. Absorption on clays. Electrochemistry of soils. Suspension stability and double layer theory. Ion exchange equilibria. Soil acidity. Oxidation and reduction phenomena. Saline and alkali soils.

Practical Work

Determination of micronutrients in soil and plant material. Experiments on P and K fixation. Ion exchange equilibria studies. An investigation of the properties of an acid soil.

(Four lecture periods and one practical class per week).

(Prerequisites: SS 101).

SS 311 Land Use Planning (4+1)

Introduction: Motivation, constraints, influence of economic factors. Basic concepts regarding ecosystems of different agricultural potential. Collection of physical data: climate, erosion, vegetation, soil, topography, water resources, present land use, and social and economic conditions. Economic considerations. Integration of physical data and evaluation of potential. Planning, consideration of the following aspects: economics, soil conservation, irrigation, pastures, horticulture, animals, crops. Present land use planning in the Homelands. The introduction of an agricultural reform programme in a rural economy.

Practical Work

Assessment of climate. Use of aerial photographs for vegetation survey. Use of 1:50 000 topographical maps, scales, slope measurement. Soil survey with the objective of assessing potential. Collection of data regarding present land use, and social and economic conditions. Assessing water resources.

(Four lecture periods and one practical class per week).

(Prerequisites: SS 211).

SS 322 Soil Physics (3+1)

Physico-chemical properties of water: a study of the properties themselves; energy state of water. Physical properties of soil water: moisture retention curve, the importance of pore size distribution, total soil water potential, Richards outflow law. Measurement of water content. Movement of soil water: laws, hydraulic conductivity, application for moisture conservation, infiltration, soil water availability. The physical state of the soil: structure; its meaning, binding forces, stability and its measurement; soil strength and its measurement; models. Soil aeration.

Practical Work

The following field and laboratory determinations: soil moisture availability; moisture retention curve, neutron probe, tensiometers; hydraulic conductivity and its stability; infiltration; stability of structure.

(Three lecture periods and one practical class per week).

(Prerequisites: SS 101).

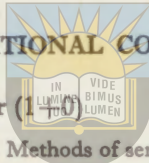
SS 391/392 Seminar (1+0)

Students will be required to prepare and present seminars on selected topics.

(Time allotted equivalent to one lecture period per week).

(Prerequisites:—).

ADDITIONAL COURSES



AG 202 Introductory Seminar (1+0)

Scientific literature and its use. Methods of seminar preparation and presentation.

(One lecture period per week).

(Prerequisites:—).

University of Fort Hare
Together in Excellence

BM 102 Introduction to Biometry (5+1)

Probability. Some important probability models. Statistics, sampling distributions and point estimation of parameters. Testing statistical hypothesis. Regression and correlation. Analysis of variance.

(Five lecture periods and one practical class per week).

(Prerequisites:—).

BM 201 Advanced Biometry—Course I (5+1)

Common tests of significance; the normal test and the t-test. Tests of significance based on the Chi-squared test. Analysis of variance and the F-test. Individual comparisons in the analysis of variance. Introduction to field experiments. The randomized block design and the Latin square design.

(Five lecture periods and one practical class per week).

(Prerequisites:—).

BM 212 Advanced Biometry—Course II (5+1)

Regression analysis including correlation; partial and multiple regression and correlation. The analysis of covariance. Factorial experiments. Incomplete block experiments. Time series analysis.

(Five lecture periods and one practical class per week).

(Prerequisites:—).

Honorary Graduands

1974

KAISER DALIWONGA MATANZIMA, Doctor of Laws

JAMES JAMES RANISI JOLOBE, Doctor of Literature and Philosophy

1976

BENJAMIN JOHN PETER TYAMZASHE, Master of Arts



University of Fort Hare
Together in Excellence

Final Examination Successes at Fort Hare in 1975

GRADUANDS

BACHELORS' PASS DEGREES

I BACHELOR OF THEOLOGY

WELCOME MAZIZANDILE GUWA

XOLA ALLEN JACOBS

ALFRED VELILE JONAS

THOMAS MBEKI MPOFU

LEO THATCHER PHIRI

Major Subjects

Old & New Testament, Systematic
Theology

Ecclesiastical History & Missiology,
Old & New Testament

Ecclesiastical History & Missiology,
Old & New Testament

Ecclesiastical History & Missiology,
Old & New Testament

Old & New Testament

(with distinction)

University of Fort Hare
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Systematic Theology

(with distinction)

II BACHELOR OF LAW

McVICAR QAQAMBILE KLAAS

CAESAR MSIMANGO MADIKIZELA

PATRICK MZOLISI MTSHAULANA

SIYAKUBONGA NGQWALA

ELLIS KHWEZI NODADA

MNYAMEZELI IGNATIUS NTSHIBA

WILLIE LEGOABE SERITI

Mercantile Law, Private Law

Mercantile Law, Private Law

Mercantile Law, Private Law

Mercantile Law, Private Law

Mercantile Law, Private Law

Mercantile Law, Private Law

Mercantile Law, Private Law

III BACCALAUREUS PROCURATIONIS

HINTSA KGOSITSILE VUYISILE SIWISA

Mercantile Law, Private Law

IV BACHELOR OF ARTS

DANIEL NKOSINATHI MTHIMKULU BONTSI

WILMOT MANDLA CHAGI

CLARIBEL KOLISWA DENGA

MSIMELELO MOSES GIYOSE

ROSALYN NOLWAZI GUZANA

ARCHIBALD NDMISO GXOBOLE

JOSEPH MNCEDISI JOJO

LUNGISWA NANDIPHA KOYANA

Anthropology, Archaeology, Xhosa

English, Psychology

Psychology, Xhosa

Biblical Studies, History, Xhosa

Anthropology, Sociology

English, Psychology

Geography, History

English, Psychology, Sociology

DRYDEN SIDIMA ANDILE LUZIPHO

TOZAMA BULELWA MADIKIZA

LOYISO MAJISA

DAPHNE BUSISIWE MAKHANYA

STHANDWA ELLIOTT MAKULENI

GUARDWELL LUNGILE MATSHAKA

TOKOZILE VALERIE MAYEKISO

ZAMA WOLMARAN MAYOLA

TOBEKA VUYELWA MDA

GERTRUDE TENJIWE MESATYWA

JOAN NOBULALI MOPHIRING

JACOB MLUNGISI KHOSANA MVAMBO

MTOBI ERIC OWEN NDANDANI

TANDEKA IRENE SWEETNESS NDONDO

LUCKY NJOZELA

NOSIPO TEMBEKA TOZAMA NKAMBA

GILBERT ZOLILE NOMLALA

PRIMADONNA ZUKISWA NTOBONGWANA

DORIS NOMONDE NTSALUBA

NOMHLE NXASANE

ZOLISA QAVANE

GEOFFREY MANDLOVANDILE RALU

ZINGISA RUTH SKOSANA

BARRINGTON SICELO XOSEKA

LEONORA NOMSOLISI ZIMU



University of Fort Hare
Together in Excellence

Political Science, Public
Administration

English, Psychology

English, History

English, Psychology, Sociology

History, Sociology

Anthropology, Development Policy
& Administration

Geography, Psychology

History, Xhosa

English, Xhosa

History, Psychology

English, Psychology

English, Philosophy, Psychology

History, Xhosa

Anthropology, English, History

English, Psychology

English, Xhosa

History, Philosophy

Geography, History, Sociology

English, History, Psychology

English, History

History, Sociology

Geography, History

English, History, Psychology

History, Xhosa

English, Political Science

V BACHELOR OF ARTS IN SOCIAL WORK

FELIX MZIMKULU APRIL

LOUISA NOMVUYO DYALOYI

LINDELA LINDWALL GIYOSE

HAZEL STEPHNE YOLISA JANUARY

PUNYEZWA KWATSHA

PHILLIS PATRICIA NONKULULEKO MABETA

NOTUTUZELO NTOMBI PAMELETTE MABINDISA

VICTORIA NOMSA MADLEBE

NOMATHEMBA JOYCE MAGEZA

PORTIA NOLUTHANDO FUNDISWA GLORIA

MAKAPELA

MARGARET THOBEKA CIKIZWA MANGWANA

BUKELWA BERNICE MANYANDELA

NOMABADI NOMABHELE MASHOLOGU

SIZO CECIL MATIWANE

BALAKAZI WINNIFRED MATSHOBA

Social Work, Sociology

Psychology, Social Work, Sociology

Psychology, Social Work, Sociology

Social Work, Sociology

Social Work, Sociology

Psychology, Social Work

Social Work, Sociology

Social Work, Sociology

Social Work, Sociology

Social Work, Sociology

Psychology, Social Work, Sociology

Psychology, Social Work, Sociology

Psychology, Social Work, Sociology

Social Work, Sociology

Psychology, Social Work

TEMBEKA MPAKO

EUGENIA NOKONWABA NTOMBOXOLO

MPEPANDUKU

DAPHNE DIAGRECIA NOKUZOLA MQUBULI

THEMBELIHLE PAMELA MARIA MSIMANG

- ISANG ZIBAYA KIWUDIRETSI MZAMANE

- MAFU COLBERT MZINYATI

MUSA VIOLET NGCOBO

HONJISWA OLIVE NGCUME

SHEILA NOKWANDA SAMUEL

NOMQONDISO IRENE SENTWA

TEMBEKA NAMBITA SIWISA

- ALEXANDER SANDILE VENA

JUDITH LULAMA ZONDANI

Social Work, Sociology

Psychology, Social Work, Sociology

Psychology, Social Work, Sociology

Psychology, Social Work, Sociology

Social Work, Sociology

Psychology, Social Work, Sociology

Psychology, Social Work, Sociology

Social Work, Sociology

Social Work, Sociology

Psychology, Social Work, Sociology

Social Work, Sociology

Psychology, Social Work, Sociology

Social Work, Sociology

VI BACHELOR IN LIBRARY SCIENCE

MALERATO NOMSA NOMASOMI KHOALI



Library Science, Psychology, Xhosa

VII BACHELOR OF SCIENCE

GERVASIUS KUMUNENI ENKARA

LINDIE PENLEY LUBELWANA

VUYANI LEONARD MABINYA

MANDISA MADLAKANE

PAUL NATHANIEL MAKO

BONA ISAAC MAMPE

LIYAZONGOMA MTANDENI SANGOMA MBEKENI

MXOLISI WESLEY JONAH MCITEKA

AMOS MATHANZIMA MDEBUKA

THEMBA EMMANUEL MDLALOSE

ZININGI BETTY MNGOMA

FLORENCE SUZIE MAMPINANE MOSHESH

FRANK MOLAMO FREDERICH MOTHLABANE

LARRINGTON MTSHIZANA

CHRISTOPHER NICHOLAS MTUTUZELI MZILENI

THERESA NOMASONTO MZIMELA

BANDILE SIMPIWE NAKANI

TIMOTEUS HIDULIKA NDAKUNDA

NKOANE ENOCH NKOANE

GORDON LOYISO NONGXA

Applied Mathematics, Physics

Chemistry, Zoology

Biochemistry, Chemistry

Botany, Chemistry

Botany, Chemistry

Biochemistry, Chemistry

Botany, Chemistry

Chemistry, Mathematics

Applied Mathematics, Physics

Applied Mathematics, Physics

Botany, Zoology

Chemistry, Zoology

Applied Mathematics, Physics

Biochemistry, Chemistry

Botany, Chemistry

Botany, Chemistry

Botany, Chemistry

Biochemistry, Chemistry

Botany, Zoology

Chemistry (*with distinction*)Mathematics (*with distinction*)

Mathematical Statistics

*(with distinction)*Botany, Chemistry (*with distinction*)

Chemistry, Zoology

Biochemistry, Chemistry

(with distinction)

Chemistry, Mathematics

- ELIJAH NTSIKELELO PEMBA

NTOMBEKAYA NOMVUYO QANGULE

MALEHO SYLVAN SEANE

FREDERICK LOYISO SONGCA

NGWENDUNA VANDA
 YVONNE CHLOE NANDIPHA VANQA
 LUNGLO MLAMLELI XAPILE
 NOLUTHANDO ZITHA

Biochemistry, Chemistry
 Botany, Zoology
 Botany, Chemistry
 Chemistry, Zoology

VIII BACHELOR OF COMMERCE

CAMPBELL BOMELA

Business Economics, Economics
 (*with distinction*), Industrial
 Psychology

MICHAEL MACPHERSON VUYO KOYANA

Accounting, Business Economics,
 Commercial Law

CONSTANCE LUNGILE ZINYANE MALINGA
 ABRAHAM KAGISHO MOGAMISI
 PATRICIA NTOMBEZINGI MTIMKULU

Business Economics, Economics
 Business Economics, Economics
 Business Economics, Economics,
 Industrial Psychology

IX BACHELOR OF ADMINISTRATION

NOMALUNGLO IVY JANTJIES



Economics, Political Science, Public
 Administration

RAYMOND BROW SONWALO JOJO

Economics, Industrial Psychology,
 Public Administration

FEZEKILE PATRICK TSHIWULA

University of Fort Hare
 Together in Excellence

Economics, Industrial Psychology,
 Public Administration

X BACHELOR OF SCIENCE IN AGRICULTURE

MALATJE SAMSON MALATJE
 VUSUMUZI JOHANNES MDHLULI

POST-GRADUATE BACHELORS' DEGREES

XI BACHELOR OF LAWS

CHARLES SIZINDZO MDLEDLE
 LUVU MALUSI TETYANA

XII BACHELOR OF ARTS (HONOURS)

NOMAHLUBI VALENCIA MAKUNGA
 VUYISWA MELROSE MAQAGI
 - TEMBA NORRIS MARALA
 - LEWIS PRETORIUS MNCEDISI MATIYELA
 - LIZILE FRANKLIN MNIKI
 - NOEL LINDA MUTLANE
 - RAYMOND RASSMOSS RULULU
 EMELDA MEISIE XABA

Subject
 Psychology
 English
 Political Science
 Archaeology
 Geography
 Afrikaans-Nederlands
 English
 Sociology

XIII BACHELOR OF ARTS IN SOCIAL WORK (HONOURS)

GLORIA NOZOLI DONDOLO

VERONICA ALICIA NOMAZENGELE JORDAN

AMCET KHOLEKA JWAAI

- THEMBA MSIKINYA

Sociology

- CECIL MLUNGISI NDUNA

Sociology

MOMAKHWEZI PATIENCE VABAZA

NONHLANHLA PATIENCE VEZI

Sociology

XIV BACHELOR OF SCIENCE (HONOURS)

- PUMEZO MALIK MPUMELELO JONAS

Chemistry

AGNES MAKOSAZANA KIVIET

Zoology

- FORTUNE WISDOM MDUDUZI KUNENE

Chemistry

- NAPO PHILEMON LEHOKO

Physics

- PETER SOLOMON TSHIKARE LEROLE MABE

Biochemistry

- SIPHIWO ERNEST-WEST MABINDISA

Botany

- THEMBA MPUMELELO ALLSWELL MALGAS

Botany

ROSALIND MATHAPELO MOTSE

Chemistry

- GCINIKHAYA MPEPO

Chemistry

- THOBEKILE NOLAN MQOLOMBA

Zoology

- SIVUYILE ZUKISO NDZUTA

Zoology

- THOBEKILE NOLAN MQOLOMBA

Zoology

- SIVUYILE ZUKISO NDZUTA

Chemistry

- SIPHO DAVID NHLAPO

Biochemistry

- SIPHO WILFRED NHLAPO

Zoology

- WILSON MZOLISI TYALI

Chemistry

- ERROL MANDLA TYOBEKA

Biochemistry (*with distinction*)

University of Fort Hare
Together in Excellence

XV BACHELOR OF EDUCATION

MIRRIAM ANGELINAH YALIWE JIYA

PATIENCE PALMER PELIWE MADIKIZA

- REGIL MONGEZI MANTLANE

PATRICIA NOGWAALI MAYABA

- SIBBERT SELBEY MZIWONKE MEMA

- SABATA MALIZO MFOBO

- VINCENT MPUCUKO NGAMBU

- HOLFORD KUMBULELE NYIKANA

- HENRY MOTHEBESOANE THIPA

XVI BACHELOR OF ADMINISTRATION (HONOURS)

LAWRENCE NKOSEMNTU MZIZANA

Industrial Psychology



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J A A R B O E K

1977



UNIVERSITEIT
VAN FORT HARE

University of Fort Hare
Together in Excellence

JAARBOEK

1977

This Yearbook is also available in English on request

Korrespondensie

Alle korrespondensie moet gerig word aan:

**Die Registrateur
Universiteit van Fort Hare
Privaatsak 314
Alice
5700**

Telegrafiese Adres:

Unifort Alice

Telefoon nommers:

Navrae, toelatings, biblioteek en akademiese departemente	Alice 281
Universiteitsbibliotekaris	Alice 313
Geboue Afdeling	
(Departement van Bantoe Onderwys)	Alice 349
Fort Hare Plaas	Alice 45
Honeydale Plaas	Alice 2303



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Sa	1	Openbare Vakansie: Nuwejaarsdag
So	2	
M	3	
Di	4	
W	5	
Do	6	
V	7	
Sa	8	
So	9	
M	10	Koshuise heropen Lesings begin vir voorafgereelde nagraadse kursusse
Di	11	
W	12	
Do	13	
V	14	
Sa	15	
So	16	
M	17	Akademie personeel meld aan vir diens
Di	18	Eksamens begin
W	19	
Do	20	
V	21	
Sa	22	
So	23	
M	24	
Di	25	
W	26	
Do	27	
V	28	
Sa	29	Eksamens eindig
So	30	
M	31	Instandhoudingskomitee



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FEBRUARIE

Di	1	
W	2	
Do	3	
V	4	Geboue-Uitbreidingskomitee Koshuise gesluit behalwe vir vooraf gereëldes nagraadse studente
Sa	5	
So	6	
M	7	Professorale komitee
Di	8	
W	9	Finansiële komitee met Dekane (Besparings)
Do	10	
V	11	
Sa	12	
So	13	
M	14	
Di	15	
W	16	
Do	17	Laaste dag vir indiening van eksamenpunte by Fakulteit-sekretariaat
V	18	
Sa	19	
So	20	
M	21	Eerstejaarstudente meld aan by koshuise Oriëntasie Kursus vir Akademiese Personeel
Di	22	Oriëntasielesings
W	23	Oriëntasielesings
Do	24	Aanlegtoetse: Eerstejaarstudente Beheerraad van die Instituut vir Landbou-ontwikkelingsnavorsing
V	25	Fakulteite: (1) Uitsluiting van studente op akademiese grond (2) Eksamenuitslae (3) Aanstelling van Nagraadse-assistente Aanlegtoetse: Eerstejaarstudente
Sa	26	
So	27	
M	28	Registrasie van eerstejaarstudente Senior studente meld aan by koshuise



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MAART

Di	1	Registrasie van Senior Studente
W	2	Registrasie van Senior Studente
Do	3	Registrasie van Senior Studente
V	4	Publikasiekomitee Laaste dag vir die indiening van aansoeke om verlof: 1978: by die Registrateur
Sa	5	
So	6	
M	7	Eerste dag van eerste semester: lesings begin
Di	8	Koshuiskomitee
W	9	
Do	10	Komitee vir Universiteitsonderrig—Vasgestelde punt vir die sakelys: Begroting
V	11	Adviserende Biblioteekkomitee Uitvoerende Komitee van die Senaat: slegs dringende Raadsaangeleenthede
Sa	12	
So	13	
M	14	*Fakulteite Regsgeleerdheid, Natuurwetenskappe en Ekonomiese Wetenskappe
Di	15	*Fakulteite Teologie, Lettere en Wysbegeerte, Opvoedkunde en Landbou Finansiële Komitee
W	16	
Do	17	Uitvoerende komitee van die Raad
F	18	Laaste dag vir laat registrasie Laaste dag vir veranderinge in kurrikula
Sa	19	
So	20	
M	21	Sub-komitee vir Tuine en Gronde
Di	22	
W	23	Sportdag
Do	24	
V	25	
Sa	26	
So	27	
M	28	Professorale Komitee
Di	29	Uitvoerende Komitee van die Senaat: Vasgestelde punte vir die sakelys: (1) Aansoeke om verlof: 1978 (2) Finale lys van graduandi
W	30	
Do	31	Navorsings- en Kapitale toerustingskomitee

*Vasgestelde punte vir die sakelys:

- (1) Studente aangeleenthede
- (2) Voorleggings: Skepping van nuwe poste en hergradering van bestaande poste: 1978
- (3) Voorleggings t.o.v. nuwe departemente en kursusse: 1978
- (4) Benoeming van besoekende dosente
- (5) Departementele lys van Eksaminatore vir die eerste semester eksamens (slegs Fakulteit Landbou)

APRIL

V	1	Instandhoudingskomitee Laaste dag van eerste kwartaal
Sa	2	
So	3	
M	4	
Di	5	
W	6	
Dc	7	
V	8	Openbare Vakansie: Goeie Vrydag
Sa	9	
So	10	
M	11	Openbare Vakansie: Paasmaandag
Di	12	
W	13	Eerste dag van tweede kwartaal
Do	14	
V	15	
Sa	16	
So	17	
M	18	
Di	19	Senaat
W	20	University of Fort Hare <i>Together in Excellence</i>
Do	21	Beurskomitee
V	22	Akademie drag moet deur doserende personeel gedra word
Sa	23	Gradeplegtigheid
So	24	
M	25	
Di	26	Beheerraad van die Instituut vir Landbou-ontwikkelingsnavorsing
W	27	
Do	28	*Fakulteite Ekonomiese Wetenskappe en Landbou
V	29	Finansiële Komitee
Sa	30	



*Vasgestelde punte vir die sakelys

- (1) Departementele lyste van Eksaminatore en Moderators
- (2) Wysiging van graadreëls en leerplanne
- (3) Plaasvervangers vir personeel
- (4) Opgawe van studenteregistrasie vir die huidige jaar volgens graad/diploma, jaar van studie en geslag.

MEI

So	1	
M	2	*Fakulteite Regsgeleerdheid en Natuurwetenskappe
Di	3	*Fakulteite Teologie, Lettere en Wysbegeerte en Opvoedkunde
W	4	
Do	5	Adviserende Raad Fakulteit Landbou: Laaste dag vir afstuur van konsep eksamenvraestelle aan Eksterne Eksaminatore
V	6	Sub-komitee vir Tuine en Gronde
Sa	7	
So	8	
M	9	Beheerkomitee van die Wetenskapwerkwinkel Adviserende Biblioteekkomitee
Di	10	Raad
W	11	
Do	12	Beheerkomitee van die Rekenaarsentrum
V	13	Raad van opname
Sa	14	
So	15	
M	16	Adviesraad van die Instituut vir Landbou-Ontwikkelingsnavorsing
Di	17	Uitvoerende Komitee van die Senaat
W	18	
Do	19	Openbare Vakansie: Hemelvaartsdag
V	20	
Sa	21	
So	22	
M	23	Koshuiskomitee Laaste dag vir indiening van departementele begrotings by Dekane
Di	24	
W	25	
Do	26	Geboue-Uitbreidingskomitee
V	27	Navorsings- en Kapitale toerustingskomitee Vasgestelde punt vir die sakelys: Begroting 1978/79
Sa	28	
So	29	
M	30	Universiteit Gesluit—Geen Lesings nie
Di	31	Openbare Vakansie: Republiekdag



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*Vasgestelde punte vir die sakelys

- (1) Departementele lyste van Eksaminatore en Moderators
- (2) Wysiging van graadreëls en leerplanne
- (3) Plaasvervangers vir personeel
- (4) Opgawe van studenteregistrasie vir die huidige jaar volgens graad/diploma, jaar van studie en geslag.

JUNIE

W	1	Fakulteit Landbou: Laaste dag vir indiening van eksamenvraestelle en eerste semester punte by die Registrateur
Do	2	Vergrote Senaat
V	3	Xhosa Woordeboekkomitee Laaste dag vir indiening van konsep eksamenvraestelle by Fakulteitstiksters
Sa	4	
So	5	
M	6	Instandhoudingskomitee
Di	7	Fakulteit Landbou: Eksamens begin
W	8	Eerstejaarstudente: Laaste dag vir indiening van Matrikulasiesertifikate by die Registrateur
Do	9	Beurskomitee
V	10	
Sa	11	
So	12	
M	13	Komitee vir Universiteitsonderrig
Di	14	Laaste dag vir indiening van tweedejaar syfers
W	15	
Do	16	Adviserende Raad
V	17	Fakulteit Landbou: eksamens eindig Laaste dag van tweede kwartaal
Sa	18	
So	19	
M	20	
Di	21	Raad
W	22	
Do	23	
V	24	
Sa	25	
So	26	
M	27	
Di	28	
W	29	
Do	30	



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JULIE

V	1	
Sa	2	
So	3	
M	4	
Di	5	
W	6	
Do	7	
V	8	
Sa	9	
So	10	
M	11	
Di	12	
W	13	
Do	14	
V	15	
Sa	16	
So	17	
M	18	Eerste dag van tweede semester Fakulteit Landbou: Vasgestelde punt vir die sakelys: Eksamenuitslae
Di	19	Fakulteit Landbou: Registrasie van studente
W	20	
Do	21	Uitvoerende Komitee van die Senaat: Vasgestelde punt vir die sakelys: Fakulteit Landbou: Eksamenuitslae
V	22	Publikasiekomitee Finansiële Komitee
Sa	23	
So	24	
M	25	*Fakulteite Regsgeleerdheid en Natuurwetenskappe Laaste dag vir afstuur van konsep eksamenvraestelle aan Eksterne Eksaminatore uitgesonderd Fakulteit Landbou
Di	26	*Fakulteite Teologie, Lettere en Wysbegeerte en Opvoedkunde
W	27	Laaste dag vir indiening van voorstelle vir Eredoktorsgrade by die Registrateur
Do	28	*Fakulteite Ekonomiese Wetenskappe en Landbou
V	29	Beheerraad van die Instituut vir Landbou-ontwikkelingsnavorsing Sub-komitee vir Tuine en Gronde
Sa	30	
So	31	



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*Vasgestelde punte vir die sakelys

- (1) Voorlegging t.o.v. bevordering van personeel: 1978 (Hoofde van Fakulteitsdepartemente)
- (2) Vorderingsverslae: Magister en Doktorsale Kandidate

AUGUSTUS

M	1	
Di	2	Beheerkomitee van die Rekenaarsentrum
W	3	
Do	4	Adviserende Biblioteekkomitee
V	5	Koshuiskomitee
Sa	6	
So	7	
M	8	
Di	9	Uitvoerende Komitee van die Senaat
W	10	
Do	11	Komitee vir Universiteitsonderrig
V	12	Geboue-Uitbreidingskomitee
Sa	13	
So	14	
M	15	Fakulteit Landbou: Laaste dag vir afstuur van konsep eksamenvraestelle aan eksterne eksaminatore
Di	16	
W	17	
Do	18	Navorsings- en Kapitale toerustingskomitee: Vasgestelde punt vir die sakelys: Registrasie van projekte en vorderingsverslae
V	19	Finnansiële Komitee
Sa	20	
So	21	
M	22	
Di	23	Senaat
W	24	
Do	25	Beurskomitee
V	26	
Sa	27	
So	28	
M	29	Instandhoudingskomitee
Di	30	
W	31	



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SEPTEMBER

Do	1	
V	2	
Sa	3	
So	4	
M	5	Openbare Vakansie: Setlaarsdag
Di	6	
W	7	Laaste dag vir indiening van eksamenvraestelle by Registrateur uitsonderd Fakulteit Landbou
Do	8	Adviserende Raad
V	9	
Sa	10	
So	11	
M	12	
Di	13	
W	14	Fakulteit Landbou: Laaste dag vir indiening van eksamenvraestelle by Registrateur
Do	15	
V	16	Raad
Sa	17	
So	18	
M	19	
Di	20	Adviserende Biblioteekkomitee
W	21	
Do	22	Fakulteite Ekonomiese Wetenskappe en Landbou
V	23	
Sa	24	
So	25	
M	26	Fakulteite Regsgeleerdheid en Natuurwetenskappe
Di	27	Fakulteite Teologie, Lettere en Wysbegeerte en Opvoedkunde
W	28	
Do	29	
V	30	Laaste dag vir indiening van jaarsyfers by Registrateur



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OKTOBER

Sa	1	
So	2	
M	3	Publikasiekomitee
Di	4	Sub-komitee vir tuine en gronde
W	5	
Do	6	Beheerraad van die Instituut vir Landbou-Ontwikkelingsnavorsing
V	7	
Sa	8	
So	9	
M	10	Openbare Vakansie: Krugerdag
Di	11	Uitvoerende Komitee van die Senaat
W	12	
Do	13	Komitee vir Universiteitsonderrig
V	14	Lesings eindig Geboue-Uitbreidingskomitee
Sa	15	
So	16	
M	17	
Di	18	Navorsings- en Kapitale toerustingskomitee
W	19	
Do	20	Eksamens begin
V	21	
Sa	22	
So	23	
M	24	
Di	25	Senaat
W	26	
Do	27	
V	28	
Sa	29	
So	30	
M	31	Instandhoudingskomitee



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NOVEMBER

Di	1	
W	2	
Do	3	Raad van opname
V	4	Finansiële Komitee
Sa	5	
So	6	
M	7	Koshuiskomitee
Di	8	Beheerkomitee van die Wetenskapwerkswinkel
W	9	
Do	10	Adviserende Raad
V	11	
Sa	12	Eksamens eindig
So	13	
M	14	
Di	15	
W	16	
Do	17	Raad
V	18	
Sa	19	
So	20	
M	21	Laaste dag vir indiening van eksamenpunte by Fakulteit-sekretariaat
Di	22	Beurskomitee <i>Together in Excellence</i>
W	23	
Do	24	Laaste dag vir afstuur van konseppraestelle vir aanvullende eksamens aan eksterne eksaminatore
V	25	
Sa	26	
So	27	
M	28	Fakulteite: Vasgestelde punte vir sakelys: (1) Uitsetting van studente om akademiese redes (2) Eksamenuitslae (3) Aanstelling van nagraadse assistente
Di	29	
W	30	Laaste dag vir aansoeke om toelating: 1978



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DESEMBER

Do	1	
V	2	
Sa	3	
So	4	
M	5	Instandhoudingskomitee
Di	6	
W	7	
Do	8	Uitvoerende Komitee van die Senaat: Eksamenuitslae
V	9	Laaste dag van tweede semester
Sa	10	
So	11	
M	12	
Di	13	
W	14	
Do	15	
V	16	Openbare Vakansie: Geloftedag
Sa	17	
So	18	
M	19	
Di	20	
W	21	
Do	22	
V	23	
Sa	24	
So	25	Kersdag
M	26	Openbare Vakansie: Gesinsdag
Di	27	Openbare Vakansie
W	28	
Do	29	
V	30	Laaste dag vir aansoeke om beurse en lenings: 1978
Sa	31	



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Administratiewe kantore sluit: 23 Desember tot 2 Januarie 1978 ingesluit.

DIE UNIVERSITEIT VAN FORT HARE SUID AFRIKA

1. Stigting en geskiedenis

Die opening van Fort Hare Universiteitskollege op 8 Februarie 1916, het die kroon geplaas op die lang volgehoue sendingpoging op Bantoe-onderwysgebied deur die United Free Church of Scotland. Reeds in 1878 het Dr. James Stewart van Lovedale die noodsaaklikheid ingesien vir die skepping van 'n inrigting met Christelike inslag vir onderrig op universiteitsvlak.

As gevolg van vertoë deur Dr. Stewart het die Inter-koloniale Naturellesakekommissie, 1905, waarvan Sir Godfrey Lagden president was, aanbeveel: „Dat 'n sentrale Bantoe-kollege of soortgelyke inrigting gestig word en ondersteun word deur die verskillende State, vir die opleiding van Naturelle-onderwysers en om geleentheid vir hoër onderwys te skep vir Bantoe-studente.”

'n Waarborgfonds is in 1907 gestig met 'n Uitvoerende Raad onder voorsitterskap van Eerw. James Henderson, M.A., Prinsipaal van Lovedale. 'n Skenking van R20 000 is aan hierdie fonds gedoen deur die Algemene Raad vir die Transkei-Gebiede. Die United Free Church of Scotland het 'n perseel te Fort Hare aangebied as deel van 'n bydrae van R10 000 en bydraes is gemaak of belowe.

Gedurende November 1914 is 'n konstitusie vir die Kollege finaal goedgekeur en is 'n beheerraad vir die Kollege in die lewe geroep wat sy eerste vergadering gedurende Januarie 1915 gehou het. Die perseel wat deur die United Free Church of Scotland te Fort Hare aangebied is, is aanvaar en met die belofte van 'n jaarlikse bydrae van die Regering is die Kollege op 8 Februarie 1916 deur Generaal Louis Botha, Eerste Minister van die Unie van Suid-Afrika, geopen.

Dr. A. Kerr was die prinsipaal van die Kollege sedert sy stigting in 1916 en het in hierdie hoedanigheid gedien tot sy aftrede in 1948. Die uitbreiding en groei van die Kollege onder prinsipaal Kerr is 'n paslike huldeblyk aan 'n leeftyd van onbaatsugtige en toegewyde diens in 'n taak wat hy as die doelstelling en strewes van sy lewe aanvaar het.

Professor C. P. Dent wat gedurende 1922 by die personeel aangesluit het, was prinsipaal vanaf Maart 1949. Hy het as gevolg van swak gesondheid aan die einde van 1955 afgetree na 33 jaar van toegewyde diens aan die Kollege.

Sedert 1955 is die prinsipaalspos nie permanent gevul nie, dog tydelike aanstellings is van tyd tot tyd gedoen. Professor H. R. Burrows wat kort tevore uit die leerstoel in Ekonomie van die Universiteit van Natal afgetree het, het vanaf die begin van 1958 tot aan die einde van 1959 as prinsipaal ageer waarna die Kollege oorgeplaas is na die Departement van Bantoe-onderwys en Prof. J. J. Ross as Rektor aangestel is.

Nadat Prof. Ross afgetree het, is Prof. J. M. de Wet aangestel as Rektor vanaf 1 Julie 1968.

Soos te begrype, het Fort Hare as 'n Kollege 'n baie klein en tentatiewe begin gehad. Daar is op twee vlakke by die kollege begin. Terwyl 'n paar studente vir universiteitstoegang voorberei is, moes die meerderheid die gebreke in hulle na-primêre studies aanvul of studeer vir Handels-en Landboudiplomas. Daar was twee voltydse personeellede; lesings is gegee in 'n nederige geboutjie wat as „tuiste” sou dien vir die eerste vyf jaar.

Gedurende 1918 het die Unie-Regering R21 600 voorgeskiet om die middelste gedeelte van die Hoofgebou op te rig wat, volgens 'n eenparig besluit van die beheerraad met die naam van Dr. Stewart verbind sou word. Ten spyte van oorlogsomstandighede is die oprigting van die eerste permanente gebou van die Kollege toe verseker. Gedurende dieselfde jaar het die Wesleyan Methodist Church of South Africa, wat sedert die aanvang van die skema daarin belanggestel het, besluit om dadelik voort te gaan met die oprigting van 'n koshuis om studente wat lede van die Kerk was, te huisves en om gebruik te maak van geleenthede deur die beheerraad daargestel vir die teologiese opleiding van hulle Bantoeopredikante aan Fort Hare.

Gedurende 1919 het die Administrasie van Basoetoland begin met 'n jaarlikse skenking van R600 as bydrae tot die fondse van die Kollege en ook 'n verteenwoordiger gestuur om te dien op die beheerraad van die Kollege. Die eerste gedeelte van Stewart Hall is gedurende 1920 voltooi en vir onderrig beskikbaar gestel. Dit is formeel deur Sy Edele die Minister van Onderwys, F. S. Malan, op 8 Januarie 1921 geopen. 'n Wesleyaanse koshuis en woning vir 'n koshuisvader is dieselfde jaar voltooi en 'n koshuisvader op die personeel aangestel terwyl die „Church of the Province” 'n woonhuis gehuur het as tydelike koshuis en die koshuisvader ook 'n lid van die Kollegepersoneel geword het.

Die kollege is ingelyf as 'n Inrigting vir Hoëronderrig deur die Onderwyswet van 1923. Studente is voorberei vir die grade van die Universiteit van Suid-Afrika, 'n federale universiteit wat 'n aantal konstituerende kolleges bevat het—Kaapstad, Stellenbosch en Witwatersrand was reeds onafhanklike universiteite. Fort Hare was nie een van die kolleges nie en sy studente is as eksternestudente geregistreer. Die universiteit het egter later aan Fort Hare sekere van die voorregte van die konstituerende kolleges toegestaan.

Vyf personeellede van Fort Hare is aangestel as bykomende lede van die Fakulteitsrade van die Senaat van die Universiteit waardeur hulle kon deelneem aan die opstel van regulasies, leerplanne en studiekursusse. Verder is aan professore en lektore van die Kollege die funksie van interne eksaminatore opgedra. Aan studente is onder meer die voorregte van interne studente verleen en Fort Hare is erken as goedgekeurde inrigting vir opleiding vir die Universiteitsonderwysdiploma. Alhoewel die Kollege sedert 1924 die dubbele rol van sekondêre skool en Universiteitskollege moes speel, was hy teen 1937 in staat om homself by die Hoëronderrigprogram te bepaal.

Beginnende in 1921 is geboue opgerig vir : Lettere, Wysbegeerte en Natuurwetenskappe ; 'n biblioteek vernoem na 'n groot liberalis van Johannesburg, Howard Pim, en die F.S. Malan Antropologiese Museum tesame met 'n vergadersaal, eetsaal, drie koshuise vir mans, een vir vroue—almal ontwerp volgens 'n meesterplan van die Departement van Publieke Werke en almal so gebou dat uitbreiding en aanbou moontlik is. Daar is tans sewentig personeelwoningen. Alhoewel aansienlike bydraes deur donateurs gelewer is, is die vernaamste geldelike steun, afgesien van Regeringshulp, deur die drie kerke wat saamgewerk het, gebied. Hierbenewens het die Y.M.C.A. van die Verenigde State en Kanada 'n Christelike Unie-saal voorsien.

Ten einde landbou-opleiding te bevorder, is daar gedurende 1926 'n bykomende plaas van 1 250 akker asook melkbeeste aangekoop. Die Kollege se plaasgrond is aldus uitgebrei tot ongeveer 1 600 akker.

Gedurende 1934 het die Kamer van Mynwese 'n bedrag van R150 000 geskenk vir mediese onderrig en dit is vir daardie doel aan die Kollege oorhandig deur die Minister

van Onderwys. Gedurende dieselfde jaar is aparte departemente van Plantkunde en Fisika ingestel wat 'n B.Sc.-kursus moontlik gemaak het. Gedurende Maart 1936 het sy Edele, Senator F. S. Malan, die hoeksteen gelê vir 'n natuurwetenskapgebou vir Skeikunde, Fisika en Medisyne. Dit is Livingstone Hall genoem en deur Sy Edele J. H. Hofmeyr, M.A., LL.D., op 24 Maart 1937 geopen.

Op 8 November 1940 is die Welsh vleuel van Stewart Hall wat die Biologie-laboratoria en-lesingkamers bevat het, deur Senator W. T. Welsh geopen. Die Transkei het R2,000 bygedra tot die oprigtingskoste uit erkenning vir Senator Welsh se dienste as Hoofmagistraat gedurende 1920-1933. Op 5 April 1941 is die vrouekoshuis (Elukhanyisweni) geopen deur mev. M. Ballinger, M.A., L.V.

Henderson Hall wat die Howard Pim-Biblioteek en die F. S. Malan-Museum bevat het, is op 28 Maart 1942 deur Eerw. A. W. Wilkie, D.D., C.B.E., geopen. Lt.-kol. James Donaldson, D.S.O., stigter van die Bantoe-Welsyntrust en donateur van ongeveer R400 000 aan Bantoe-ontwikkeling, het op 20 September 1946 die hoeksteen van die Donaldson-vleuel van Stewart Hall gelê en aldus die oorspronklike onderriggebou van die Kollege voltooi.

Gedurende die jare 1947 en 1948 is die Presbiteriaanse, Metodiste en Anglikaanse koshuise uitgebrei om huisvesting aan meer as 300 manstudente te verleen. 'n Eetsaal en bykomende slaapkamers by die vrouekoshuis is gedurende 1949 voltooi. Tog is uitbreiding gedurende die jare 1937 tot 1951 vertraag deur die afwesigheid van personeel op oorlogsdienste en as gevolg van 'n tekort aan geld. Teen 1950 het die studentental egter gegroei van 139 tot 382.

Toe dit duidelik geword het dat sommige van die konstituerende kolleges van die Universiteit van Suid-Afrika uiteindelik sou moes uitbrei tot onafhanklike universiteite, het die Regering 'n Kommissie aangestel om verslag te doen oor die toekomstige struktuur van hoër onderwys in Suid-Afrika. Die Kommissie het aanbeveel dat die bestaande konstituerende kolleges, met die uitsondering van die Hugenote-Universiteitskollege, die status van onafhanklike universiteite verleen moes word en dat Fort Hare geaffilieer moes word by een van die onafhanklike universiteite. Gedurende Maart 1951 het Fort Hare aangesluit by sy naaste vriend en buurman, Rhodes-universiteit, honderd kilometer hiervandaan. Hierdie verhouding was vir Fort Hare baie waardevol aangesien dit die versekering ingehou het dat Fort Hare se studente ook verder aan dieselfde akademiese vereistes as blanke sou moes voldoen.

2. Oorpasing van Fort Hare Universiteitskollege na die Departement van Bantoe-onderwys

Ooreenkomstig Goewermentskennisgewing No. 168, 1959 (*Staatskoerant* van 21 Augustus 1959, bladsy 12) uitgereik kragtens subartikel (2) van die Wet op Oordrag van die Universiteitskollege Fort Hare 1959 (Wet No. 64 van 1959), is die instandhouding en bestuur van en beheer oor die Universiteitskollege Fort Hare oorgedra aan die Minister van Bantoe-onderwys vanaf 1 Januarie 1960.

Die oordrag van die Kollege aan die Departement van Bantoe-onderwys het geskied as 'n noodsaaklike stap in die uitvoering van die Regering se beleid om meer toereikende en doeltreffende universiteitsopleiding aan die Bantoe te voorsien deur die stigting van aparte universiteitskolleges vir die verskillende etniese groepe en om die beperkings en anomalieë, wat gespruit het uit die stelsel van sogenaamde „ope” universiteite, te verwyder.

Die Universiteitskollege Fort Hare spits hom meer bepaald toe op die Xhosa-sprekende Bantoe-groep. Die Universiteitskolleges by Turfloop (Noord-Transvaal) en Ngoye (Zoeloeland) maak onderskeidelik voorsiening vir die Sotho- en Zoeloesprekende groepe. Vir Kleurling-studente is voorsiening gemaak by die Universiteitskollege van Wes-Kaapland te Bellville (Kaap) en daar is ook 'n universiteitskollege in Natal gestig vir Indiër-studente.

Die Wet het bepaal dat die Universiteit van Suid-Afrika as eksaminerende liggaam sou optree in alle vakke waarvoor die leerplanne van daardie universiteit voorsiening maak. Wat die bepaling van kursusse en die afneem van eksamens betref, was daar die nouste samewerking tussen die Universiteitskollege en die Universiteit van Suid-Afrika.

By al die Fakulteite en Departemente wat sedert 1960 in die lewe geroep is, is daar ook nou 'n Departement Landmeetkunde en 'n Fakulteit van Landbou vanaf 1966 ingestel.

Gedurende 1962/63 is 'n begin gemaak met 'n omvattende program vir uitbreiding van geboue. Geboue wat sedertdien voltooi is sluit in 'n nuwe administratiewe blok, die uitbreiding van Stewart Hall om bykomende personeelkantore daar te stel, die uitbreiding van Livingstone Hall vir die voorsiening van bykomende laboratoria en klaskamers om die Natuurwetenskaplike departemente bevredigend te huisves en 'n nuwe afsonderlike biblioteekgebou. Geboue vir die fakulteit van Landbou is ook voltooi asook die uitbreiding by Iona koshuis.

Die inskrywings sedert 1960, dit is sedert oornam, was soos volg (die syfers is die amptelike syfers soos op die eerste Dinsdag van Junie):

	Mans	Vrouens	Totaal
1960	308	52	360
1965	245	72	317
1970	470	143	613
1975	883	437	1320
1976	1110	541	1651

Die daling in die aantal inskrywings gedurende die eerste paar jaar is natuurlik verwag as gevolg van die stigting van twee ander Universiteitskolleges vir die Bantoe, en die Universiteitskollege vir Kleurlinge te Bellville en vir die Indiërs te Durban. Voor die oorpasing sou die studente wat nou by die nuwe Universiteitskolleges ingeskryf is, normaalweg te Fort Hare ingeskryf het. Die laagwatermerk is in 1963 bereik. Sedertdien was daar 'n aansienlike styging in getalle as gevolg van die feit dat die aantal Xhosa-sprekende studente wat in die hoër skole vir registrasie gekwalifiseer het, baie vinnig vermeerder het. Alles dui daarop dat die aansienlike styging in die aantal inskrywings gedurende die volgende jare gehandhaaf, en selfs oorskrei sal word.

Dit volg dat die program vir die uitbreiding van geboue en akademiese fasiliteite aansienlik versnel sal moet word. In die verband het die Departement van Bantoe-onderwys reeds 'n Beplanningskomitee ingestel sodat vooruit, en op 'n langtermyn-grondslag, beplan kan word vir die nodige uitbreiding.

3. Universiteit van Fort Hare

Ooreenkomstig Goewermentskennisgewing R. 680 (Staatskoerant van 30 April 1969) het die Wet op die Universiteit van Fort Hare (Wet No. 40, 1969) universiteitstatus verleen aan die Universiteitskollege van Fort Hare en word voorsiening gemaak vir die bestuur en beheer van die sake van die Universiteit, vir die reëling van sy werksaamhede en vir aangeleenthede wat daarmee in verband staan.

Vanaf 1 Januarie 1970 is die Universiteitskollege 'n Universiteit met die naam Universiteit van Fort Hare. Die eerste Kanselier van die Universiteit, Dr. P. E. Rousseau is ingehuldig tydens die 1970 gradeplegtigheid en onafhanklikheidsfunksie gehou op 30 Mei 1970. Kragdens die Wet is die Rektor ampshalwe die Vise-Kanselier, en die Rektor, Prof. J. M. de Wet, het dus die eerste Vise-Kanselier van die selfstandige Universiteit geword.

Die wet lê neer dat die Universiteit die Xhosa-volkseenheid bedien.

Die hoë standaard van die grade van die Universiteit word beskerm deur die aanstelling, as bykomende Senaatslede, van professore van ander universiteite vir solank as wat nodig geag mag word sowel as deur 'n stelsel van eksterne eksaminatore en/of moderatore.

Fort Hare sal dus in die toekomst in staat wees om beide die inhoud van sy leerplanne en die metode van aanbieding meer effektief en meer toereikend aan te pas by die behoeftes van die bevolkingsgroep wat dit bedien sonder om op enige wyse afbreuk te doen aan die hoë standaarde van universiteitsopleiding.

Die sewentiger jare het 'n nuwe tydvak van ontwikkeling ingelei waartydens die studentetal in die eerste helfte van die dekadere verdubbel het, naamlik van 613 in 1970 na 1 320 in 1975.

Gedurende hierdie tyd is die volgende geboue voltooi, te wete vir die Fakulteite Landbou, Ekonomiese Wetenskappe, Regte, die Department van Chemie en 'n lesingsaal-kompleks asook 'n paar byvoegings tot mans- en dameskoshuise. Gedurende 1976 is daar 'n begin gemaak met 'n uitgebreide padbou en kampusverfraaiingsprogram.

Die Universiteit het die bevoegdheid verkry om lenings aan te gaan en geboue op kontrak deur buite-instansies te laat oprig aangesien die Department van Bantoe-Onderwys se bouspan nie kon byhou met die tempo van uitbreiding nie. Die nuwe departemente wat tot stand gekom het, was Musiek, Skone Kunste en Toegepaste Informatika, terwyl belangrike wysigings aangebring is vir die opleiding van onderwysers.

Met die snelle groei het dit duidelik geword dat die beskikbare ruimte vir uitbreiding vir die Universiteit te klein word en dat addisionele grond gesoek moes word. Na 'n deeglike ondersoek van die verskillende moontlikhede is daar besluit om die Teologiese Seminarie te nader i.v.m. die aankoop van hul eiendom. Die onderhandelings het stadig voortgesloer totdat die Minister die eiendom aan die einde van 1974 onteien het. Hierdie stap het onmiddellik die Oos-Kampus aan die Universiteit beskikbaar gestel wat dadelik betrek kon word vir die huisvesting van studente en swart personelede. 'n Ander stuk grond met die naam Napier Park is ook oorgedra aan die Universiteit wat die plaasgedeelte heelwat vergroot.

Die N.G. Kerk se Opleidingsentrum vir Swart leraars by Umtata, Decoligny, het 'n ooreenkoms met die Universiteit gesluit waarvolgens Fort Hare grade aan hulle studente sal toeken indien daar aan sekere vereistes voldoen word.

Vanaf 1975 is vyf swart lede op die Raad aan die Universiteit benoem. Vanaf 1976 is 'n tak van die Universiteit op Umtata begin, wat die begin van 'n selfstandige Universiteit Transkei is vanaf 1 Januarie 1977 in terme van wetgewing wat aangeneem is deur die parlement van Transkei, Professor B. de V. van der Merwe is aangestel om as hoof op te tree met die benoeming van Rektor se verteenwoordiger. Kursusse in 12 dissiplines sal eers op 'n na-uurse basis vir deelydse en voltydse studente aangebied word, wat sal lei tot die verkryging van 'n B.A.-graad. Die instelling van verdere kursusse word alreeds oorweeg.

Deur middel van 'n ruim bydrae deur die Massey Ferguson (S.A.) Stigting gedurende 1976 is 'n leerstoel in Landbou-ingenieurswese ingestel.

Die stigting van die Landbou Ontwikkelings-Navorsingsinstituut is deur die Departement goedgekeur en sal na verwagting in 1977 met sy werksaamhede begin.

DIE UNIVERSITEIT VAN FORT HARE BIBLIOTEEK

Die biblioteek is gestig in 1916 en het in 1918, 450 bande bevat. Studente het as bibliotekaris opgetree en in 1922 is 'n biblioteekkomitee ingestel. In die vroeë dertigerjare was daar tye dat die biblioteek sonder 'n bibliotekaris moes klaarkom.

In 1934 is die biblioteek vernoem na mnr. Howard Pim, 'n rekenmeester van Johannesburg en lid van die Kollegeeraad, wat die grootste deel van sy privaattiblioteek (2 000 bande) aan Fort Hare bemaak het. Die biblioteek het baie te danke aan milde skenkings deur die publiek en privaattliggame. Die biblioteek is nog steeds dank verskuldig aan baie skenkers en aan die uitgewers van Afrikaans- sowel as Engels-medium koerante vir hulle vrygewigheid.

Die biblioteek bevat 'n waardevolle Africana-versameling bekend as die Howard Pim-versameling van Africana.

In 1935 is die eerste voltydse bibliotekaris aangestel; die eerste ten volle gekwalifiseerde bibliotekaris is aangestel in 1944. In 1958 word die bibliotekaris 'n volle lid van die Senaat en word die bibliotekkomitee vervang deur 'n adviserende bibliotekkomitee.

Op 1 Januarie 1977 het die boekevoorraad ± 100 000 bande beloop.

University of Fort Hare
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F. S. MALAN MUSEUM

Die F. S. Malan Museum word gehuisves op die tweede verdieping van die Henderson gebou en beslaan presies 4,250 vk. vt. vloer-ruimte. Die museum is in 1941 opgerig as 'n etnologiese museum vir navorsing en wel in die Departement Antropologie. Die doel daarvan was om navorsers van buite 'n geleentheid te bied om daar navorsing te doen. Dit moes egter ook 'n wyer belangstelling lok by groepe skoolkinders en ander belangstellendes.

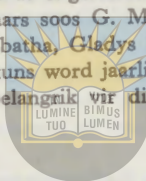
Sedert die stigting van die museum het dit reeds 10 000 stukke vir uitstalling versamel. Die grootste gedeelte daarvan is verkry deur twee skenkings in 1962. Die eerste skenking was van die Departement Bantoe-Onderwys, wat die uitstalling van die Uniefees gelykop verdeel het onder die Universiteitskolleges van die Republiek. Die tweede skenking is ontvang van Mev. M. E. Kirkwood van Johannesburg. Die skenking wat Mev. Kirkwood gemaak het bestaan uit 7 000 stukke en staan bekend as die „Estelle Hamilton-Welsh Versameling.”

Hierdie merkwaardige versameling is deur Mev. Gordon Emslie en haar dogter Mev. Estelle Hamilton-Welsh byeen gebring. Die versameling is na laasgenoemde vernoem. Dit is oor 'n periode van baie jare versamel en die versameling het 'n aanvang geneem in die jaar 1880. Slegs artikels wat werklik deur die Bantoe gedra en gebruik is, is versamel sodat die versameling vry is van stukke wat vir kommersiële doeleindes vervaardig is. Die versameling is inderdaad uniek en verteenwoordig die einde van 'n tydperk in die materiële kultuur van die Bantoe. Al die stukke is onder die ou tradisionele omstandighede vervaardig, 'n toestand wat hom nooit weer sal voordoen nie. Die versameling sluit in groot groepe Fingo, Xhosa, Mpondo, Zoeloe, Thembu en Ndebele kraalwerk; tradisionele en outentieke uitrustings en kleredrag van die Mpondo, Thembu en Fingo.

Dit sluit o.a. ook 'n *Abakhwetha* kostuum in, sowel as verskeie stelle kostuums van waar-sêers en toordokters. 'n Uitstekende versameling magiese amulette en medisyne van verskeie stamme is 'n besondere aspek van die versameling. Wapens wat insluit spiese, strydbyle, ens. is goed verteenwoordig. Die versameling bevat ook 'n verteenwoordigende aantal artikels uit die alledaagse gebruiksluwe van verskeie stamme waarvan veral gras- en houtwerk prominent is. Hierdie versameling, wat ook stukke van buite-Suidelike Afrika insluit, is op die Rykskou te Johannesburg in 1936 en op die Glasgow-Skou in 1937 uitgestal.

Die museum is vir baie jare deur 'n Ere-Kurator in die persoon van Professor A. J. D. Meiring, bygestaan deur Mnr. G. I. M. Mzamane, behartig. 'n Voltydse kurator, Mnr. V. Z. Gitywa, is sedert die middel van 1959 aangestel wat in samewerking met 'n Assistent-Kurator en 'n Museumkomitee die museum behartig.

Sedert 1965 is 'n Galery vir Hedendaagse Bantoe-kuns (A. J. D. Meiring kunsgalery) by die museum gevoeg. Die galery bevat 'n goeie versameling van hedendaagse Bantoe-kuns wat werke insluit van kunstenaars soos G. M. M. Pemba, Michael Zondi, Eric Ngcobo, Cyprian Shilakoe, Azaria Mbatwa, Gladys Mgadlandlu, Dumile Matsoso ens. Uitstallings van hedendaagse Bantoe-kuns word jaarliks in die galery gehou, insluitende een-man-uitstallings. Die galery is belangrik vir die bevordering van Bantoe-kuns en Bantoe-kunstenaars.



XHOSAWOORDEBOEK PROJEK

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Dr. Albert Kropf se *Kafir-English Dictionary* was, sedert sy eerste verskyning in 1899, beskou as die enigste standaardwerk in sy soort in Xhosa. Die tweede uitgawe, voorberei vir die pers deur eerwaarde Robert Godfrey M.A., is in 1915 gepubliseer. Toe dit uitverkoop was in die laat twintiger- of vroeë dertigerjare, is eerw. Dr. Godfrey versoek om die woordeboek te hersien en te herskryf in die *Nuwe Ortografie* van 1934. Maar voor dit gedruk kon word in die vyftigerjare is die ortografie by hernuwing aangepas om te word wat nou bekendstaan as die *Standaard Xhosa-ortografie* waarin die drie eksotiese nie-Romeinse simbole van die Nuwe Ortografie uitgelaat is. As gevolg van hierdie verandering in die ortografie kon Godfrey se werk nie gepubliseer word nie.

Aangesien die behoefte aan 'n standaard Xhosawoordeboek dringend gevoel is deur studente van die taal, het Prof. J. A. Louw van die Universiteit van Suid-Afrika, in oorleg met die Xhosataalkommissie van die Departement van Bantoe-onderwys, die Lovedale-pers oorreed om Godfrey se werk te laat herskryf indiestandaard ortografie en dit te publiseer. Twee pogings is aangewend om dit te laat doen maar dit het onuitvoerbaar geblyk te wees, totdat, in 1966, die Rektor van die Universiteitskollege Fort Hare besluit het dat Fort Hare die aangewese plek was vir die samestelling van 'n nuwe Xhosawoordeboek en dat die verklarings in beide Afrikaans en Engels gedoen moes word—'n onderneming wat sedertdien uitgebrei is om verklarings ook in Xhosa in te sluit, waardeur dit 'n ten volle drietalige woordeboek geword het, die eerste in sy soort in enige Bantoe-taal in Suid-Afrika. Met die goedkeuring van die Minister van Nasionale Onderwys, het die Nasionale Raad vir Sosiale Navorsing (tans die Raad vir Geesteswetenskaplike Navorsing) 'n jaarlikse toekenning van R6 000 beskikbaar gestel vir die Projek (vermeerder tot R8 000 in 1972, R9 000 in 1974 en R11 000 in 1975).

Die Universiteit van Fort Hare het onderneem om die salaris van die Direkteur te betaal, terwyl die Regering van die Transkei aangebied het om to R10 000 per jaar by

te dra vir die salarisse van drie assistent-redakteurs. Die toekenning is nou verhoog na 'n maksimum van R12 000 per jaar. Na die onlangse verhoging in salarisse, is hierdie bedrag onvoldoende om die salarisse van die drie redakteurs te betaal, maar die Raad van die Universiteit van Fort Hare het onderneem om een van die drie poste te finansier. Die Ciskeise Regering dra R4 500 per jaar by.

Die Direkteur het in Junie 1967 alleen begin om die woordeboek saam te stel. Die huidige personeel bestaan uit die Direkteur, twee Xhosa redakteurs, 'n redakteur vir Afrikaans, 'n navorsingsassistent, 'n klerklike assistent en 'n tikster.

Die projek word namens die Raad van Fort Hare deur 'n Xhosawoordeboekkomitee beheer waarop die volgende liggame verteenwoordig is: die Universiteit van Fort Hare, die Universiteit van Suid-Afrika, die Universiteit van Kaapstad, die Raad vir Geesteswetenskaplike Navorsing, die Transkeise regering, die Ciskeise regering en Lovedale pers. Dit is 'n geïntegreerde eenheid van die Universiteit van Fort Hare en wanneer die woordeboek voltooi is, sal die organisasie aanhou om te funksioneer soos die Raad van die Universiteit mag besluit.



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REGULASIES TEN OPSIGTE VAN DIE TOELATING EN REGISTRASIE VAN STUDENTE

I. TOELATING

1. In hierdie regulasies beteken „toelating” goedkeuring vir aanmelding tot registrasie as student by die Universiteit, afgesien daarvan of die voornemende student voorheen as student by die Universiteit geregistreer was of nie.

2. Aansoek om toelating moet deur die pos op 'n voorgeskrewe vorm, en nie persoonlik nie, gedoen word.

3. Die aansoekvorme moet volledig ingevul word en voor 'n Kommissaris van Ede onderteken word deur die voornemende student en sy ouer of voog. Die voltooide vorm moet aan die Registrateur gestuur word sodat dit hom bereik voor of op die datum op die vorm aangedui.

4. Elke aansoek om toelating moet vergesel gaan van die volgende:—

- (i) Met betrekking tot nuwe studente, 'n getuigskrif van goeie gedrag deur 'n leraar, Bantoesakekommissaris of landdros of skoolhoof van laaste skool bygewoon.
- (ii) 'n Mediese sertifikaat van gesondheid op die voorgeskrewe vorm.
- (iii) in die geval van 'n voornemende student wat vir die eerste keer wil registreer, indien 'n sertifikaat nog nie uitgereik is nie, een of ander vorm van bewys dat hy voldoen aan die nodige voorvereistes vir die kursus of kursusse waarvoor hy wil inskryf.

5. Geen voornemende student mag hom by die Universiteit aanmeld vir registrasie nie, tensy hy skriftelik deur die Registrateur in kennis gestel is dat hy toegelaat is.

6. Toelating soos hierbo omskryf, lê geen verpligting op die Universiteit om 'n voornemende student te registreer nie. Alvorens 'n kandidaat as student geregistreer kan word, moet hy ook voldoen aan die vereistes vir registrasie.

II. REGISTRASIE

Geen appllkant word as student geregistreer nie, tensy hy tot tevredenheid van die Registrateur voldoen aan elkeen van die volgende vereistes:—

- (1) Elke voornemende student moet hom op die voorgeskrewe datum en tyd aanmeld vir registrasie by die kantoor wat vir die doel aangewys word. Geen kandidaat word toegelaat om hom na die laaste datum en tyd wat bepaal is vir registrasie aan te meld nie, tensy die skriftelike toestemming van die Rektor vir sodanige registrasie verkry is en 'n bykomende laat-inskrywingsgeld van R6 betaal is.
- (2) By aanmelding vir registrasie moet die skriftelike toestemming om aan te meld vir registrasie verstrekkend word (sien I, 5 hierbo).
- (3) Elke kandidaat vir registrasie moet die voorgeskrewe registrasievorm invul en onderteken. Deur ondertekening van die registrasievorm verbind 'n kandidaat hom om al die reëls en regulasies van die Universiteit, insluitende dié van die koshuis waar hy mag inwoon, stiptelik te eerbiedig; hy onderneem ook om by die koshuis in te woon waaraan hy toegewys mag word.

- (4) Die rekening van elke student aan wie 'n beurs, lening of ander toelae toegeken is, sal gekrediteer word met die bedrag van sodanige beurs, lening of toelae nadat die nodige vorms voltooi is.
Indien beurse en/of lenings aan 'n student toegeken, twee derdes of meer van die voorgeskrewe gelde beloop, moet die verskuldigde bedrag tydens registrasie betaal word.
- (5) Elke voornemende student moet 'n goedkeuring van sy voorgename kursusse, onderteken deur die Dekaan van die betrokke Fakulteit, by die Registrateur indien. By die kies van kursusse moet die rooster geraadpleeg word ten einde botsings te voorkom.
- (6) Geen kandidaat word as student geregistreer nie, tensy hy as inwonende student by een van die koshuise toegelaat word, behalwe as hy skriftelik deur die Rektor vrygestel is van sodanige inwoning.
- (7) Die registrasie van eerstejaarstudente is onderworpe aan die opskortende voorwaarde dat elke sodanige student voor of op 30 Mei van die jaar waarin hy vir die eerste maal ingeskryf word, sy matrikulasiesertifikaat, of die vrystelling daarvan, of enige ander kwalifikasie wat as toelatingsvereiste tot 'n besondere studie voorgeskryf word, aan die Registrateur voorlê vir aantekening.
- (8) Indien dit, na die mening van die Minister nie in die belang van die inrigting is dat 'n kandidaat wat hom vir registrasie aanmeld, as student geregistreer moet word nie, kan hy verhoor om sodanige kandidaat te laat registreer, selfs al voldoen sodanige kandidaat aan al die ander vereistes vir registrasie.
- (9) By registrasie ontvang elke ingeskrewe student 'n registrasiekaart wat as bewys dien dat hy aldus as student geregistreer is.
- (10) Niemand wat nie as student geregistreer is nie, mag sonder toestemming van die Rektor lesings bywoon, 'n koshuis of eetsaal of enige voorregte hoegenaamd wat deur die inrigting aangebied word, gebruik nie.

DIE PROSEDURE BY VERANDERING VAN KURSUS

- (1) Geen student sal toegelaat word om van kursus te verander na die datum wat in die rooster bepaal is nie.
- (2) Indien 'n student van kursus wil verander, moet 'n vorm vir die „verandering van kursusse” van die Studenteregistrasiekantoor verkry word.

Die verandering van kursus moet deur die Dekaan van die Fakulteit goedgekeur word en die Dekaan sal daarna die vorm aan die Studenteregistrasiekantoor terug besorg.

STUDENTETUG

Artikel 24(1) van Wet 40 van 1969 lui:

'n Student van die Universiteit is onderworpe aan die tugbepalings wat by statuut, of by reëls deur die raad uitgevaardig, voorgeskryf word.

Paragrawe 43 en 44 van die Statuut, soos by Goewermentskennisgewing R.2001 van 5 November 1971 gepubliseer, lui soos volg:

Algemene toesig en beheer

43. (1) Die algemene toesig en beheer oor tug van studente berus by die Raad wat sy bevoegdhe na goeëdunke kan delegeer ooreenkomstig reëls deur hom uitgevaardig.
- (2) Die reëls moet voorsiening maak vir—
- 'n omskrywing van wangedrag waardeur 'n student hom aan tugmaatreëls kan blootstel;
 - skriftelike kennis aan 'n student van die aard van 'n aanklag of aanklagte teen hom;
 - die reg van 'n aangeklaagde student om hom te verweer; en
 - die straf of strawwe wat by skuldigbevinding opgelê kan word.
- (3) Die reëls kan voorsiening maak vir appèl by die Raad teen die bevinding van die Studentetugkomitee of slegs teen die straf of strawwe wat deur hom opgelê is.

Studentetugkomitee

44. Daar is 'n Studentetugkomitee waarvan die ledetal, samestelling by 'n bepaalde ondersoek, bevoegdhe en prosedure voorgeskryf word in die reëls in paragraaf 43 bedoel.

REÛLS VIR STUDENTE

Die reëls vir studente word aan die begin van elke akademiese jaar, gedurende die registrasie tydperk, aan studente uitgegee.

Enige student wat nie 'n eksemplaar ontvang nie, behoort een by die Studenteregistrasiebeampte te kry.

Elke student moet homself op hoogte bring van die reëls.

Wanneer 'n Student 'n Koshuis moet verlaat

(1) Indien 'n student wat in 'n koshuis inwoon en vanweë swak akademiese vordering gedurende 'n jaar nie tot die eksamen toegelaat word nie, moet hy na afsluiting van die lesings die koshuis verlaat.

(2) 'n Student wat in 'n koshuis inwoon, moet die koshuis nie later nie as drie dae na afloop van sy eksamens verlaat.

GELDE BETAALBAAR AAN DIE UNIVERSITEIT**KOS EN INWONING**

(1) 'n Voltydse student betaal aan die Universiteit twee honderd en vyftig rand (R250) per jaar vir kos en inwoning, indien dit van hom vereis word om in 'n koshuis van die Universiteit in te woon.

(2) 'n Geleentheidstudent betaal aan die Universiteit een rand en veertig sent (R1-40) per dag of gedeelte van 'n dag tot 'n maksimum van vyf en veertig rand (R45) per maand indien hy in 'n koshuis van die Universiteit inwoon.

(3) 'n Toevallige besoeker betaal aan die Universiteit een rand en veertig sent (R1-40) per dag of gedeelte van 'n dag indien hy in 'n koshuis inwoon, of sewentig sent (70c) per maaltyd, na gelang van die geval.

(4) 'n Voltydse of deelydse student betaal aan die Universiteit veertig sent (40c) per dag vir 'n kamer gedurende periodes wanneer die koshuise en/of eetsaal amptelik gesluit is en geen voedsel voorsien word nie.

Studente wat aanvullingseksamens skryf, nagraadse studente en alle studente wat vroeër rapporteer as die datum in die rooster aangedui, moet vooraf reëlings tref met die Rekenmeester. Bykomstige losiesgelde is vooruitbetaalbaar.

REGISTRASIEGELD

- (1) 'n Student betaal *twaaif rand* (R12) per jaar registrasiegeld.
 (2) 'n Bykomende bedrag van *ses rand* (R6) is betaalbaar ten opsigte van 'n laat inskrywing.

SAAMGESTELDE KLASGELDE

(Insluitende eksamen-, laboratorium- en biblioteekgelde).

1. Voorgraads.

- (i) *Fakulteit Opvoedkunde*
 Alle B-grade en Diplomas Eerste jaar soos vir betrokke graadkursus
 Daaropvolgende jare R175
- (ii) *Fakulteite: Lettere, Ekonomiese Wetenskappe, Regte en Teologie*
 B.A. (M.W.) en Diploma (M.W.) R210
 Alle ander B-grade en diplomas R195
- (iii) *Fakulteite Natuurwetenskappe en Landbou,*
 Alle B-grade en Diplomas R210

2. Nagraads

- (i) *Fakulteite Opvoedkunde, Lettere, Ekonomiese Wetenskappe, Regte en Teologie*
 LL.B. en Hoër Diploma in Biblioteekwetenskap R135
 U.O.D. R135
 Alle B-grade en Diplomas R145
 Magister R115
 Doktor R155
- (ii) *Fakulteite Natuurwetenskappe en Landbou*
 Alle B-grade en Diplomas R165
 Magister R135
 Doktor R165

ANDER GELDE**Spesiale, Siekte- of Aanvullingsksamens en Plaaslike Gelde**

1. (a) Die gelde vir 'n spesiale, siekte- of aanvullings-eksamen is *vyftien rand* (R15) per kursus.
 (b) Die gelde vir mediese hulp, sport en ontspanning beloop *twaaif rand* (R12) per jaar.

Vrywaringsdeposito

2. 'n Deposito van *vyftig rand* (R50) is deur alle studente betaalbaar en is slegs terugbetaalbaar na die sluitingsdatum vir registrasie in die jaar wat volg op die jaar waarin die student die Universiteit finaal verlaat het. Skade wat gedurende die jaar deur 'n student berokken word, moet onmiddellik vergoed word sodat die deposito konstant bly.

Herindiening van 'n Verhandeling

3. Die gelde vir die herindiening van 'n verhandeling vir 'n Magistergraad is *vyftig rand* (R50) en vir 'n doktorsgraad *negentig rand* (R90).

Voorlopige Verklarings

4. Die gelde vir 'n voorlopige verklaring ten opsigte van 'n voltooide graad, diploma, of sertifikaat is *een rand* (R1).

Gesertifiseerde Verklaring

5. 'n Gesertifiseerde verklaring ten opsigte van kursusse geslaag vir 'n graad, diploma of sertifikaat is op aanvraag en teen betaling van *een rand* (R1) verkrygbaar.

Duplikate van Diplomas en Sertifikate

6. 'n Duplikaat van 'n diploma of sertifikaat wat deur die Universiteit self toegeken word, word nie uitgereik nie, maar 'n gesertifiseerde verklaring met die wapen van die Universiteit en die naam en datum van die diploma of sertifikaat daarop is op aanvraag en teen betaling van *drie rand* (R3) verkrygbaar.

Spesiale Studente

7. 'n Student wat 'n studiekursus volg waarvoor geen graad, diploma of sertifikaat toegeken word nie betaal benewens die registrasiegeld *vyf en dertig rand* (R35) per kursus per jaar.

Promosie-, Vrystellings- en Statusgelde

8. Promosie-, vrystellings- en statusgelde is soos volg:

Promosie	: in Praesentia:	Geen
	: in Absentia:	R10.00
Vrystelling:		R3 per kursus
Status	:	R9

Buitelandse Studente

9. 'n Bykomende heffing van R120 is betaalbaar.

University of Port Hare
Together in Excellence

ALGEMENE BEPALINGS

Aanspreeklikheid van Studente

1. 'n Student is ten volle aanspreeklik vir alle gelde wat ingevolge hierdie regulasies deur hom betaalbaar is.

Wanneer Gelde Betaal Moet Word

2. (1) Die registrasiegeld en vrywaringsdeposito is betaalbaar tydens registrasie.

(2) Gelde vir kos en inwoning, saamgestelde klasgelde en plaaslike gelde is betaalbaar op die dag van inskrywing, maar dit kan in drie gelyke paaieimente soos volg betaal word:

Eerste paaieiment: Met of voor inskrywing.

Tweede paaieiment: Voor of op die eerste dag van Mei.

Derde paaieiment: Voor of op die eerste dag van Augustus.

L.W.—Bedrae tot 'n student se krediet sal alleenlik op die derde Vrydag van elke maand terugbetaal word. Terugbetalings sal egter nie gedoen word nie tensy die jaar se geld ten volle betaal is.

(3) Ondanks die bepalings van subregulasie (2), is die klas- en eksamengelde van 'n student in een van die volgende studiekursusse gedurende die eerste jaar van studie betaalbaar:—

(a) B.Ed.-graad.

(b) Honneursgraad.

(c) Magistergraad.

(d) Doktorsgraad.

(4) Alle ander gelde, bo en behalwe die gelde genoem in subregulasies (1) en (2), is betaalbaar op die wyse en tye wat die Raad van die Universiteit bepaal.

Wanbetaling

3. In die geval van 'n student wat versuim om die gelde waarvoor hy aanspreeklik is op die datums te betaal soos in hierdie regulasies voorgeskryf is, kan die Raad sodanige student—

- (i) van 'n koshuis uitsluit; of
- (ii) van lesings uitsluit; of
- (iii) van beide lesings en koshuis uitsluit; of
- (iv) toelating tot eksamens weier.

Kwytskelding van Losies- en Ander Gelde

4. (1) In die geval van 'n student wat in 'n koshuis inwoon en wat weens siekte of om enige ander rede wat die Raad goedkeur, verhinder word om sy studies in die betrokke studiejaar te voltooi en die koshuis voor 1 Oktober verlaat, kan die Raad, op aanbeveling van die rektor die geld betaalbaar vir kos en inwoning verminder op die basis van twee honderd en vyftig rand (R250) minus een rand en veertig sent (R1.40) vir elke dag wat die student in sodanige koshuis ingewoon het.

(2) Die registrasiegeld en plaaslike gelde word onder geen omstandighede terugbetaal nie.

(3) Indien 'n student gedurende 'n studiejaar sy studies om die een of ander rede wat vir die Raad aanneemlik is, staak en die universiteit verlaat, kan 'n gedeelte van die gelde wat reeds deur hom aan die Universiteit betaal is [uitgesonderd gelde waarvoor in subregulasie (2) voorsiening gemaak word], aan hom terugbetaal word op 'n basis wat deur die Sekretaris van Bantoe-onderwys na oorlegpleging met die Tesourie goedgekeur is: Met dien verstande dat die Universiteit skriftelik in kennis gestel word van die kansellasie van sy registrasie asook die rede daarvoor.

BETALING VAN GELDE

Alle gelde wat betaal word deur of ten behoeve van 'n student, word gekrediteer tot sy gelderekening totdat gelde verskuldig vir die jaar ten volle vereffen is. Totdat gelde vir die jaar ten volle vereffen is, word geen terugbetaling gemaak ten opsigte van bedrae betaal wat meer is as voorgeskrewe paaiemente nie.

Voorbeeld van hoe beurse of lenings verreken word :

Gelde betaalbaar deur student vir die jaar (Min. R12 Registrasiegeld en R50 Vrywaringsdeposito)			R455
Streeksowerheid	R130		
Universiteitsbeurs	R130		R260
Totale bedrag deur student betaalbaar			R195

Die bedrag R195 is op die bepaalde datums betaalbaar in paaiemente van R65.

Let Wel.—Beurstoekennings word teen die gelde verskuldig vir die volle jaar verreken.

Wat Staats- of Universiteitslenings betref moet studente daarop let dat sodanige lenings beskikbaar gestel word eers nadat die leningssooreenkoms voltooi is. Geen krediet word dus ten opsigte van die lening gegee voordat die leningssooreenkoms nie behoorlik en ten volle voltooi is nie. Studente word dus gewaarsku dat dit in hulle eie belang is om minstens R225 vir die eerste paaiement met hulle saam te bring anders loop hulle gevaar om aangesê te word om die universiteit te verlaat.

Selfs indien die gelde vir die eerste paaiement ten volle vereffen is, is dit nogtans die plig van elke student aan wie 'n Staats- of Universiteitslening toegestaan is, om die nodige vorms onmiddellik van die Rekenmeester te verkry sodra hy kennis ontvang van die toekenning en om toe te sien dat dit behoorlik voltooi en by die kantoor ingehandig word sodat hy krediet vir die lening kan bekom.

Studente wat beurse ontvang het, moet *skriftelik bewys van die toekenning* aan die rekeningafdeling voorlê. Die bedrag van sulke beurse sal andersins buite rekening gelaat word by die bepaling van paaiemente.

Studente en ouers of voogde word *verwag om hulleself op hoogte te stel wat gelde betaalbaar betref*. Die Universiteit onderneem nie om in hierdie verband rekenings uit te stuur nie.

Alle gelde behalwe sakgeld en geld vir boeke moet direk aan die Registrateur gestuur word. Sakgeld en geld vir boeke moet aan die student gestuur word.

Studente moet onder geen omstandighede gelde wat vir hulle privaat gebruik bedoel is by die Universiteit deponeer nie. 'n Bank of Posspaarbankrekening moet vir die doel gebruik word.

Die Universiteit kan geen student toelaat om aan te bly indien hy arriveer sonder geld of die vereiste dokumente nie, of indien sy gelde nie stiptelik en ten volle betaal word nie.

FINANSIËLE HULP AAN STUDENTE

Algemene inligting rakende Beurse en lenings.

Die amptelike Beurskomitee van die Universiteit beheer 'n groot aantal beurse en lenings en ken jaarliks 'n groot aantal aan belowende studente toe. Hierdie gelde word van die Staat, privaat firmas en persone ontvang. (Sien lys op bladsye 15, 16, 17 en 18).

Die volgende is van belang:

- (i) Aansoeke vir 'n beurs of lening moet op die vorm „Aansoekvorm vir beurs, lening of skenking toegeken deur die Universiteit” ingedien word. (Wit papier vir eerstejaarstudente (nuwe) en groen papier vir (senior) tweede-, derde- of vierdejaarstudente). Hierdie vorms is van die Studenteregistrasiekantoor verkrybaar.
- (ii) 'n Aansoek vir 'n beurs of lening moet in 'n *aparte koewert* soos volg geadresseer word:
Die Sekretaris,
Beurskomitee,
Universiteit van Fort Hare,
Privaatsak 314,
ALICE,
5700
- (iii) *Die sluitingsdatum is 31 Desember.* (Alle aansoeke moet hierdie kantoor voor hierdie datum bereik).

- (iv) Laat aansoeke sal slegs in buitengewone omstandighede oorweeg word.
- (v) Aansoeke vir beurse of lenings *moet jaarliks henu word*, aangesien toekennings slegs vir een jaar gemaak word.
- (vi) Beurse en lenings word slegs toegeken aan studente wat tot die Universiteit toegelaat is en goeie uitslae in die vorige eksamen behaal het. (E en D simbole word nie as goed beskou nie). Studente wat hul eksamen gedruip het sal geen toekenning kry nie.
- (vii) Studente sal ongeveer teen die middel van Februarie in kennis gestel word aangaande die uitslag van hul aansoek.
- (viii) Aangesien beurse en lenings gewoonlik *nie die volle koste vir een jaar dek nie*, moet studente self 'n deel van die geld vind.
- (ix) Die Beurskomitee kan enige *toekenning hersien* of 'n ander liggaam aanraai om dit te doen indien 'n student meer geld ontvang het as wat nodig geag word.
- (x) Studente moet daarop let dat hulle (nie die skenker van 'n beurs of lening) verantwoordelik gehou sal word vir die betaling van gelde indien hulle gedurende die jaar die Universiteit verlaat sonder om kwytskelding van die Raad te verkry.

Voorwaardes Verbonde aan Studielening

2. (1) 'n Student aan wie 'n studielening toegeken word, gaan 'n studieleningsooreenkoms met die Raad aan op 'n vorm wat deur die Sekretaris van Bantoe-onderwys goedgekeur is. Indien die studieleningsooreenkoms nie binne 'n redelike tydperk deur beide die student en 'n borg voltooi word nie, kan die lening deur die Raad teruggetrek word.

(2) Die rekening van 'n leninghouer word jaarliks met die toegekende paaiement van die lening gekrediteer.

(3) Geen gelde is direk aan 'n leninghouer betaalbaar nie.

(4) Indien 'n leninghouer—

(a) sy studies staak; of

(b) in gebreke bly om klasse gereeld by te woon, hom nie met ywer en pligsgetrouheid op sy studies toelê nie, of nie bevredigende vordering maak nie, of druip; of

(c) sonder redes wat vir die Raad aanneemlik is, nie die studiekursus binne die bepaalde tydperk voltooi nie; of

(d) skuldig bevind word aan 'n kriminele oortreding; of

(e) geskors word uit die Universiteit om watter rede ook al; of

(f) om watter rede ook al nie die studiekursus voltooi nie,

het die Raad die reg om die studieleningsooreenkoms te beëindig, en in dié geval is alle gelde wat ingevolge die studieleningsooreenkoms deur die leninghouer verskuldig is, onmiddellik opeisbaar tesame met rente teen 6 persent per jaar bereken vanaf datum van beëindiging van die studieleningsooreenkoms.

(5) 'n Studielening is, behoudens die bepalinge van die Wet, terugbetaalbaar aan die Raad van die Universiteit op 1 April van die jaar wat volg op die jaar waarin die studiekursus voltooi is: Met dien verstande dat die Raad kan goedkeur dat die studielening oor 'n langer tydperk in paaiemente van minstens *tien rand* (R10) per maand terugbetaal word, en in dié geval word rente teen 6 persent per jaar gehef vanaf die datum waarop die studielening terugbetaalbaar is.

(6) Sodra die leninghouer, na voltooiing van sy studiekursus, 'n betrekking

aanvaar, moet hy die Raad onverwyld in kennis stel van die naam en adres van sy werkgewer.

(7) Die leninghouer moet, na voltooiing van sy studiekursus die Raad onmiddellik in kennis stel van veranderings ten opsigte van—

- (a) sy woon- en werkadres;
- (b) sy borg se adres;
- (c) sy werkgewer se naam en adres.

(8) Die bepalinge van subregulasies (6) en (7) is ook van toepassing op 'n leninghouer wie se leningsooreenkoms kragtens subregulasie (4) deur die Raad beëindig is.

(9) Die leninghouer moet sy werkgewer magtig om die bedrag wat ingevolge die studieleningsooreenkoms aan die Raad verskuldig is, tesame met enige rente daarop in maandelikse paaielemente van minstens *tien rand* (R10) per maand te verhaal uit enige salaris wat aan hom betaalbaar is en aan die Raad oor te betaal.

(10) Ondanks andersluidende bepalinge in hierdie regulasies, is 'n lening rentevry solank die leninghouer, met of sonder 'n studielening, voltyds aan 'n universiteit studeer, en gedurende sodanige tydperk is die lening nie terugbetaalbaar nie.

Uitstel van Beëindiging van Studieleningsooreenkoms

3. Ondanks andersluidende bepalinge in hierdie regulasies, kan die Raad die beëindiging van 'n studieleningsooreenkoms uitstel indien 'n leninghouer—

- (a) in enige studiejaar drup of in sy finale jaar slaag maar nie ten volle kwalifiseer vir die toekenning van 'n graad, diploma of sertifikaat nie, en sodanige leninghouer op eie koste in die daaropvolgende jaar die betrokke studiejaar of die ontbrekende kursusse of vakke aan die Universiteit herhaal;
- (b) sy studies weens finansiële moeilikhede onderbreek en gaan werk met die doel om te spaar sodat hy na die Universiteit kan terugkeer as voltydse student: Met dien verstande dat—
 - (i) die leninghouer vooraf goedkeuring van die Raad vir sodanige onderbreking verkry;
 - (ii) sodanige onderbreking nie langer as 2 jaar is nie; en
 - (iii) die Raad die reg het om die studieleningsooreenkoms met terugwerkende krag te beëindig met ingang van die datum waarop die studies aanvanklik onderbreek is, indien die leninghouer in gebreke bly om sy studies aan die Universiteit voort te sit;
- (c) sy studies weens siekte of om die een of ander rede wat vir die Raad aanneemlik is, onderbreek en hy van voorneme is om na sodanige onderbreking na die Universiteit terug te keer as voltydse student om sy studies voort te sit: Met dien verstande dat—
 - (i) die leninghouer, in die geval van siekte, so gou as moontlik 'n geneeskundige sertifikaat, uitgereik deur 'n geregistreerde geneesheer, aan die Raad moet voorlê;
 - (ii) die leninghouer, in die geval van ander redes, vooraf goedkeuring van die Raad vir sodanige onderbreking moet verkry;
 - (iii) sodanige onderbreking nie langer as 2 jaar is nie; en
 - (iv) die Raad die reg het om die studieleningsooreenkoms met terugwerkende krag te beëindig met ingang van die datum waarop die studies aanvanklik onderbreek is, indien die leninghouer in gebreke bly om sy studies aan die Universiteit voort te sit.

Verstelling van Borg

4. Indien 'n leninghouer gedurende sy studies of na voltooiing daarvan, maar voordat die lening terugbetaal is, sterf of geestelik versteurd raak, of andersins liggaamlik ongeskik word om sy verpligtinge ingevolge die studieleningsooreenkoms na te kom en die skuld nie uit die boedel van sodanige leninghouer, of op sodanige leninghouer self verhaal kan word nie, kan die Raad die borg van sy kontraktuele verpligting onthef.

Rekenings en Rekords

5. (1) Die Raad moet sodanige rekenings en rekords hou as wat noodsaaklik is vir die behoorlike uitoefening van beheer oor toekennings, uitbetalings en invorderings van studielenings.

(2) Die Sekretaris van Bantoe-onderwys kan te eniger tyd gelas dat die Raad die rekenings en rekords in subregulasie (1) genoem aan hom of aan 'n beampte deur hom aangewys, vir inspeksie voorlê.

Afskrywing van Studielening

6. Geen oninvorderbare lenings mag sonder die goedkeuring van die Sekretaris afgeskryf word nie.

BEURSE EN LENINGS

Die bostaande kan in drie hoofgroepe verdeel word :

- A. Toekennings wat deur die Beurskomitee van die Universiteit gemaak word.
- B. Toekennings wat deur ander liggame onafhanklik van die Universiteit gemaak word.
- C. Toekennings vir studies in die medisyne.

Alle toekennings is onderhewig aan goeie gedrag en bevredigende vordering. Die Universiteit kan enige toekenning hersien of 'n ander liggaam aanraai om dit te doen indien dit beskou word dat die toekennings wat deur enige student bekom is meer is as wat hy nodig het.

Groep A:

1. Staatstudielenings:

B.A. en B.Sc. Maksimum R150 p.j.

U.O.D. „ R200 p.j.

S.O.D. „ R200 p.j.

Ander Diplomakursusse. Toekennings van nie meer as R100 p.j.

Staatsbeurslenings van R200 per jaar aan studente wat onderwys kursusse wil volg sal toegeken word op 'n nie-terugbetaalbare basis op voorwaarde dat:

(a) Die voorgeskrewe aantal onderwyskursusse gevolg word.

(b) Die student, na verkryging van 'n graad, onderneem om vir die Departement van Bantoe-Onderwys te werk vir 'n tydperk nie minder as die tyd wat die beurs toegeken was nie.

2. B.P. Suidelike Afrika (Edms.). Beurse aan behoeftige studente.

3. Die Bantoe Beleggings Korporasie van Suid-Afrika (Bpk.) voorsien beurse van R350 p.j. elk vir studente in Handel en Administrasie en van R450 p.j. elk vir studente in Landbou. Suksesvolle kandidate moet onderneem om gedurende vakansies vir die Korporasie, 'n Staatsdepartement, of 'n Gebiedsowerheid te werk en moet na aflegging van die kursus vir diens by 'n goedgekeurde instelling aanmeld.

4. Berkshire Beurs. Een beurs van R300 per jaar. Voorkeur word gegee aan die kinders van werknemers.
5. Burroughs Machines Beurs—R300 per jaar aan 'n behoeftege manlike Bantoe wat die B.Sc. kursus volg. 'n Matrikulant van die Orlando Hoërskool sal voorkeur ontvang.
6. Caltex beurse. Agt beurse van R250 per jaar.
7. Fidelity Bank and Trust Company Limited stel jaarliks 'n beurs van R300 beskikbaar aan 'n jong man verkieslik van die Port Elizabeth omgewing.
8. General Motors S.A. Beperk stel jaarliks R3 000 beskikbaar vir beurse.
9. Misstof Vereniging van Suid-Afrika. Jaarlikse toekennung van R400 per jaar vir landboukundige doeleindes.
10. Ford Motor Maatskappy van S.A.
11. Die J. H. Hofmeyr Beursfonds (gestig onder die testament van wyle mev. D. O. Hofmeyr) skenk twee beurse van R400 elk geldig vir drie jaar aan voorgraadse manlike studente van 23 jaar of jonger van Fort Hare.
12. Homes Trust Lewens-beurse van R400 per jaar is beskikbaar aan manlike studente wat vir B.A. of B.Comm. studeer.
13. Hoover S.A. (Edms.) Bpk.
14. Johnson & Johnson beurse van R400 elk.
15. Raad van Beheer oor die Vee- en Vleisnywerheid. Twee beurse van R200 per jaar geldig vir drie jaar aan Landbou-studente.
16. Massey Ferguson (Suid-Afrika) Stigting vir Gevorderde Opleiding en Navorsing voorsien jaarliks 'n bedrag van R1000 vir beurse aan studente in die Fakulteit Landbou.
17. Nasionale beurs- en leningsfonds voorsien 'n groot aantal beurse.
18. Natal Bouvereniging, skenk R200 per jaar vir toekennung aan 'n verdienstelike student.
19. Norton Maatskappy van Isando stel R300 jaarliks beskikbaar as beurse.
20. Reckitt en Colman Dettol beurse.
21. Robert Niven Trust—R4 000 per jaar aan behoeftege studente soos aanbeveel deur die Universiteit.
22. SAICCOR Beperk stel jaarliks 'n beurs van R250 beskikbaar vir Chemie studente.
23. Sales House beurstoekennings. Drie beurse van R500 elk aan voorgraadse studente in die Fakulteite van Natuurwetenskappe of Ekonomiese Wetenskappe.
24. Shatterprufe Safety Glass Maatskappy Beurs van R400 per jaar.
25. Shell Beurse. 'n Bedrag van R1 000 word jaarliks beskikbaar gestel vir belovende studente.
26. Uniefeesbeurse: beurse van R100 elk vir twee jaar word toegestaan deur die Departement van Bantoe-Onderwys vir nagraadse studie.
27. Wilson-Rowntree (Edms.) Bpk. R300 per jaar vir 'n behoeftege student wat Personeelbestuur volg.
28. Yskor beurse. Yskor voorsien vyf toekennings van R160 per jaar elk geldig vir drie jaar aan voorgraadse studente. Daar is geen verpligting om later vir die Korporasie te werk nie.

Groep B.

Toekennings word deur die ondergenoemde liggame gemaak onafhanklik van die Universiteit. 'n Volledige lys kan nie gegee word nie en liggame kom by of onttrek hulleself as donateurs somtyds sonder om die Universiteit daarvan in kennis te stel.

1. Die Adams Kollege Educational Trust, Posbus 1849, Durban, 4000 maak toekennings en gee lenings van verskillende bedrae aan gekeurde studente.

2. Die Dr. Alexander Kerr Beursfonds stel jaarliks 4 beurse van R50 elk as boektoekennings beskikbaar aan studente wat verkieslik lede van die Presbiteriaanse kerk van Suid-Afrika is. Navrae en aansoeke moet gerig word aan Professor J. T. Davidson, Gagastraat, Alice, 5700.

3. Bantoe Mynbou Korporasie, Posbus 2642, Pretoria, 0001. Beurse aan studente met Geologie as hoofvak.

4. Barlow Rand Beurs, Posbus 4862, Johannesburg, 2000. Een of twee beurse van R200.

5. De Beers-groep Beurse: beskikbaar aan matrikulante om vir grade te studeer in die rigtings Handel/Rekeningkunde, Rekenaarwetenskap, Geologie of Mynbou-geologie en suiwer Natuurwetenskap. 'n Beurs word slegs in laasgenoemde rigting toegeken indien die Natuurwetenskapgraad opgevolg word met 'n graad in Ingenieurswese. Die beurs dek klas- en losiesgelde en bestaan ook uit 'n kontant toelae van R500 per jaar. Dit is hernubaar elke jaar. Suksesvolle kandidate moet die maatskappy vir twee jaar dien na voltooiing van die graad. Aansoekvorms is beskikbaar van:

Die Algemene Sekretaris
De Beers Consolidated Mines Ltd.
Posbus 616
Kimberley 8300

Sluitingsdatum is 31 Oktober.

6. Fedchem, Posbus 61897, Marshalltown, 2107. Drie beurse van R1250-00 elk aan verdienstelike nagraadse studente in Chemie of verwante rigtings.

7. Federale Mynbou/General Mining-Beurse:

'n Aantal beurse is beskikbaar vir enige studierigting. Die beurse behels die betaling van klas- en losiesgelde, plus 'n verdere R200 vir boeke, ens. Beurshouers hoef nie na voltooiing van hul studies in diens van die Groep te tree nie.

Doen aansoek voor 31 Augusts by:

Die Sekretaris: Beursfonds, General Mining and Finance Korporasie Beperk, Posbus 61820, Marshalltown, 2107.

8. Guy Sutton Memorial Beurs vir studente wat Meganiese Ingenieurswese of Chemie volg. Aansoeke moet by die Registrateur ingedien word voor of op 30 September elke jaar.

9. Die Grace Morkel-beurs van R100 per jaar aan 'n verdienstelike blinde of swaksierende student van enige ras, geloof of geslag, ten einde hom/haar in staat te stel om tersiêre onderwys te ontvang. Aansoeke moet gerig word aan die Direkteur, Suid-Afrikaanse Nasionale Raad vir Blindes, Posbus 1343, Pretoria, 0001.

10. Die Raad vir Geesteswetenskaplike Navorsing (R.G.N.) skenk beurse sowel as ad hoc toekennings vir nagraadse navorsing.

11. Die Tuisland Regerings maak verskillende toekennings.

12. Johnnies Beurskema: Kategorie B.

Aan Voorgraadse studente in B.Sc. (Ing.), Myngeologie en B.Sc. (Geologie). Die beurse dek klas en losies-gelde en behels ook 'n kontant toelae van R350. Hernubaar elke

jaar onderhewig aan bevredigende vordering. Aansoekvorms is verkrybaar by: Groep Personeelbestuurder, Posbus 590, Johannesburg 2000. Sluitingsdatum is 15 Januarie.

13. Toekennings word gemaak deur 'n aantal Munisipaliteite, o.a. Pretoria, Port Elizabeth, Oos-Londen, ens. Hierdie toekennings is gewoonlik bereken om al die gelde te dek. Studente wat woonagtig is in munisipale gebiede word aangeraai om by hulle plaaslike owerhede vas te stel of enige beurse beskikbaar is.

14. Sekere Lionsklubs skenk beurse en studente moet by die plaaslike Sekretaris navraag doen.

15. M.S.D. Beurse. Vir die laaste drie jare van studie vir 'n graad in Akkerbou, Medisyne, Aptekerswese of Veeartsenykunde. Die bedrag dek klas-, koshuisgelde en boeke. Sluitingsdatum is 31 Augustus.

Doen aansoek by: Die Voorsitter, M.S.D. Keuringskomitee, Posbus 7748, Johannesburg, 2000.

16. Die Sir Ernest Oppenheimer Gedenkfonds, Posbus 61587, Marshalltown, 2107, maak verskillende toekennings van soms soveel as R300 volgens verdienste in individuele gevalle.

17. Pitco Bpk., Posbus 617, Johannesburg, 2000 maak verskillende toekennings.

18. Die Fosfaat-ontwikkelingskorporasie "FOSKOR", Posbus 1, Phalaborwa, 1390, skenk lenings van tot R180 elk aan studente wat in die Natuurwetenskappe of Sosiale Wetenskappe studeer.

19. Rhodes-Studiebeurse word vir drie jaar studie aan die Universiteit van Oxford toegeken. Verdere besonderhede is verkrygbaar van die Algemene Sekretaris van die Rhodes-studiebeurse in Suid-Afrika: Mnr. R. S. Welsh, Q.C., Posbus 41468, Craighall, 2024, Transvaal.

20. Rotariërklubs skenk soms ook beurse en studente moet by die plaaslike Sekretaris navraag doen.

21. Rand Bursary Fund, Posbus 60, Orlando, 1804 skenk verskillende beurse.

22. Die St. Leger Beurstrust is daargestel deur die testament van oorlede Robert Arthur St. Leger.

Kandidate moet aan die volgende vereistes voldoen:—

- (a) Suid-Afrikaanse burger wees;
- (b) nie ouer as 25 jaar wees nie;
- (c) 'n student wees wat in Kaapland gematrikuleer of gegradueer het;
- (d) ongetroud wees;
- (e) 'n Christen wees;
- (f) tweetalig wees.

Verdere besonderhede en aansoekvorms is beskikbaar van Syfrets Trust, Posbus 206, Kaapstad. 8000.

23. Die skool vir Blindes. Toekennings tot 'n maksimum van R500 vir nagraadse navorsing rakende enige aspek van blindheid. Doen aansoek by: Die Hoof, Skool vir Blindes, Adderleystraat 20, Worcester, 6850.

'n Kort opsomming van die beoogde studie en 'n aanbeveling van die studieleier moet ook ingedien word.

Sluitingsdatum: 15 Oktober.

24. Twee studiefondsbeurse van R200 elk (Oom Lokomotief en Everite).

Beskikbaar aan nagraadse studente in die Afrikaanse taal en letterkunde. Rig aansoeke aan: Die Direkteur, N.A.L.N., Posbus 517, Bloemfontein 9300.

25. Die Suid-Afrikaanse Instituut van Rasse-aangeleenthede administreer fondse wat van verskeie bronne afkomstig is en ken beurse aan studente toe. (Toekennings word gewoonlik beperk tot die bedrag van die gelde wat jaarliks betaalbaar is.) Rig u aansoek aan: Die Sekretaris, Beursafdeling, S.A.I.R.A., Posbus 97, Johannesburg. 2000.

26. Die Suid-Afrikaanse vervaardigers en agente van sportgoedere. Beurs vir klas- en losiesgelde. Doen aansoek by:

Die Sekretaris, SASGAM Komitee, Posbus 3332, Johannesburg 2000. Sluitingsdatum: 31 Oktober.

27. Transvaal United African Teachers' Association—beurse aan studente wat die B.A. of B.Sc. kursusse volg en onderwysers wil word. Sluitingsdatum is 28 Augustus. Aansoekvorms en verdere besonderhede is verkrygbaar van—Die President, Posbus 132, Bergvlei, 2012.

28. Die Union of Jewish Women of Southern Africa, Posbus 3622, Johannesburg, 2000 bied die Toni Saphra-Beurs (van tot R12,750 per jaar) aan 'n damestudent ongeag ras, kleur of geloof, wat alreeds 'n geskikte graad of professionele kwalifikasie behaal het—“Wie se voorgestelde studierigting haar meer geskik sal maak om een of ander vorm van maatskaplike diens aan die Suid-Afrikaanse gemeenskap te lewer”. Aansoeke sluit jaarliks op 1 Desember.

29. Die United Tobacco Mpy. (Suid) Bpk., skenk vrybeurse van R200 per jaar vir drie jaar aan 'n voorgraadse student wat in die Transkei woonagting is.

30. Die Wetenskaplike en Nywerheidsnavorsingsraad (W.N.N.R.) skenk waardevolle toekennings vir navorsing tot soveel as R500 per jaar en hiervoor kompeteer nagraadse studente.

31. Die Winifred Wilson Beursfonds: om die studie van die Engelse taal en letterkunde in die Republiek van Suid-Afrika aan te moedig. Aansoeke moet op die voorgeskrewe aansoekvorms geskied en moet voor 15 Desember van elke jaar die Sekretaris van “The Colonial Orphan Chamber and Trust Fund”, Posbus 142, Kaapstad 8000, bereik. Elke aansoek moet ondersteun word deur 'n verslag deur 'n Professor in Engels van die Universiteit waar die aplikant studeer.

Groep C.

'n Beperkte bedrag is beskikbaar vir Mediese Studies deur studente wat aan die vereistes vir die eerste-jaar kursus voldoen het aan Fort Hare en daarna 'n goedgekeurde Mediese Skool in Suid-Afrika bywoon. Lenings word gemaak uit rente van skenkinge in die volgende Fondse :—

- (1) Die Greenslade Medical Fund.
- (2) Die W. A. Russell Medical Fund.
- (3) Die W. P. Schreiner Medical Fund vir vroue.
- (4) Die Rev. W. Girdwood Medical Fund

BIBLIOTEKREGULASIES

Woordbepalings.

1. In hierdie Regulasies, tensy die verband anders aandui, beteken:
 - (a) „boek”, enige publikasie in kodexvorm, met inbegrip van vlugskrifte maar met uitsluiting van tydskrifte;
 - (b) „lener”, ’n personeellid, student of buitelener, wie deur die Universiteitsbibliotekaris geregistreer is as ’n persoon wat publikasies van die Biblioteek mag leen, onderworpe aan die bepalinge van hierdie Regulasies;
 - (c) „toonbank”, enige van die uitgiftetoonbanke in die Biblioteek, tensy anders aangedui;
 - (d) „buitelener”, ’n lener wat nie ’n student of ’n personeellid is nie maar wat deur die Universiteitsbibliotekaris as ’n lener soos bepaal in hierdie regulasies geregistreer is;
 - (e) „Biblioteek”, die Biblioteek van die Universiteit van Fort Hare met inbegrip van sy takbiblioteek;
 - (f) „publikasie”, enige boek, tydskrif, geskrif, drukwerk, vlugskrif of soortgelyke saak;
 - (g) „personeel”, die akademiese administratiewe en biblioteekpersoneel van die Universiteit van Fort Hare;
 - (h) „student”, ’n geregistreerde student van die Universiteit van Fort Hare, wat behoorlik as ’n lener deur die Universiteitsbibliotekaris geregistreer is;
 - (i) „Universiteitsbibliotekaris”, die Universiteitsbibliotekaris van die Universiteit van Fort Hare of sy behoorlik gemagtigde verteenwoordiger;
 - (j) „gebruiker”, enige persoon wat toegelaat is tot die gebruik van die Biblioteek.

2. Enige gebruiker of lener wat hom teenstrydig met die bepalinge van hierdie Regulasies gedra, kan van die gebruik van, en die toegang tot die Biblioteek deur die Universiteitsbibliotekaris geskors word vir ’n tydperk van nie meer as vyf dae nie. Indien die Universiteitsbibliotekaris van mening is dat die oortreding van sodanige ernstige aard is dat dit ’n skorsing van meer as vyf dae regverdig, moet hy ’n sodanige oortreding onmiddellik aan die Rektor van die Universiteit per brief rapporteer en hy mag ’n sodanige gebruiker of lener slegs weer tot die gebruik van die Biblioteek toelaat op ’n sodanige datum as die Rektor, per skriftelike kennisgewing aan die Universiteitsbibliotekaris, mag besluit.

Gebruik van die Biblioteek.

3. Studente, personele en buitleners is toegelaat tot die gebruik van die Biblioteek en mag publikasies leen op sodanige voorwaardes as wat deur hierdie Regulasies bepaal word: Met dien verstande dat die Universiteitsbibliotekaris, na sy oordeel, ander persone tot die gebruik van die biblioteek kan toelaat.

4. Geen gebruiker mag enige oorjas, boeksak, handsak, of enige sodanige sak of tas in die Biblioteek inbring nie, maar moet dit in die plek laat wat met ’n kennisgewing daartoe aangewys is.

5. (a) Geen gebruiker mag enige publikasie wat nie aan die biblioteek behoort inbring nie, of enige publikasie wat wel aan die Biblioteek behoort, wat op sy naam uitgegee is, daar inbring nie: Met dien verstande, dat 'n lener wel 'n sodanige aan hom uitgeleende boek in die Biblioteek mag inbring met die doel om dit terug te besorg, en hy moet dit aan die toonbank afgee sodra hy die Biblioteek betree.
 - (b) Studente mag aantekeningboeke in die Biblioteek inbring en moet dit by betreding van die biblioteek aan die beampte by die hooftoonbank ter ondersoek aanbied.
 - (c) Alle publikasies en/of aantekeningboeke wat deur die gebruiker uit die biblioteek geneem word moet aan die toonbankbeampte vir ondersoek aangebied word as die Biblioteek verlaat word.
 - (d) Publikasies wat nie in die biblioteek ingebring mag word nie kan in die plek deur Regulasie 4 bedoel bewaar word.
 - (e) Geen gebruiker mag in enige publikasie wat aan die Biblioteek behoort skryf, daar merke in maak of dit beskadig nie.
6. Geen boeke wat gemerk is „In die Library only”, of boeke wat by die toonbank onder direkte beheer gehou word, mag uit die Biblioteek uitgeneem word nie, en sodanige boeke moet in die Biblioteek geraadpleeg word op sodanige voorwaardes as die Universiteitsbibliotekaris mag bepaal, en moet, na gebruik, aan die toonbank teruggee word.
 7. Geen gebruiker mag in die biblioteek sy stem verhef tot meer as fluistering, of enige lawaai of verstoring veroorsaak, of rook, eet of drink, of mag in die publieke afdelings enige gesprek voer nie.
 8. (a) Tien minute voor sluitingstyd van elke Biblioteekperiode, sal 'n klokke gelui word om aan te dui dat die gebruiker hom moet voorberei om die Biblioteek te verlaat.
 - (b) Vyf minute voor elke sluitingstyd sal 'n klokke gelui word om aan te dui dat gebruikers die Biblioteek moet verlaat.
 - (c) Enige gebruiker wat hom na sodanige sluitingstyd nog in die Biblioteek bevind, is skuldig aan 'n oortreding van hierdie Regulasies.
 9. 'n Gebruiker wat 'n boek of tydskrif van die rak gehaal het vir raadpleging in die Biblioteek, mag sodanige boek of tydskrif nie terugsit op die rak nie, maar moet dit op die tafel waar die gebruiker is, laat lê.

Leensakkies.

10. (a) Studente wat publikasies van die Biblioteek wil leen moet, aan die begin van elke akademiese jaar, nadat hulle as studente geregistreer is, by die hooftoonbank as lesers registreer.
- (b) Voorgraadse studente en buiteleners is geregtig op vyf leensakkies elk.
- (c) Nagraadse studente is geregtig op ses leensakkies elk.
- (d) Elke leensakkie gee die lener op wie se naam dit uitgereik is, die reg om een boek te leen, vir 'n tydperk van hoogstens twee weke. Sodanige boeke mag gelyktydig geleen word.
- (e) Die lening van 'n publikasie kan verleng word vir 'n verdere tydperk soos bepaal deur die Universiteitsbibliotekaris.

- (f) 'n Leensakkie mag nie uitgeleen word, of van iemand geleen word, of op enige manier deur iemand op wie se naam dit nie uitgereik is, gebruik word nie.
- (g) Indien enige student of buitelener 'n leensakkie, wat op sy naam uitgereik is verloor, kan die Universiteit 'n duplikaat leensakkie uitreik teen betaling deur sodanige student of buitelener van die bedrag van 25 sent: Met dien verstande dat 'n sodanige uitreiking die verlore leensakkie kanselleer, en enige student wat 'n sodanig gekanselleerde leensakkie probeer gebruik, is skuldig aan oortreding van hierdie Regulasies. Verder met dien verstande dat niemand daardeur van enige aanspreeklikheid wat mag ontstaan of ontstaan het as gevolg van enige gebruik van die verlore leensakkie, onthef is: verder met dien verstande, dat iemand wat 'n boek leen of probeer leen teen enige leensakkie wat nie op sy naam uitgereik is nie, hom skuldig maak aan 'n oortreding van hierdie Regulasies.

Buiteleners.

11. (a) Persone wat nóg studente nóg personeellede is, kan volgens diskresie van die Universiteitsbibliotekaris as buiteleners toegelaat word en moet dan as sodanig geregistreer word by vertoning van 'n kwitansie van die Rekenmeester wat lui dat 'n deposito van R2 betaal is. Sodanige deposito sal terugbetaal word by vertoning aan die Rekenmeester van 'n kennisgewing van die Universiteitsbibliotekaris, wat aandui dat die registrasie van die buitelener gekanselleer is dat daar geen boeke uitstaande is nie en dat alle leensakkies teruggegee is.
- (b) 'n Boek sal aan 'n buitelener uitgeleen word slegs indien dit nie op die tydstip in aanvraag is nie.
12. Personeellede mag publikasies van die Biblioteek leen, onderworpe aan die bepalings van hierdie Regulasies, en op die volgende voorwaardes:—
- (a) Dat sodanige publikasies aan die Biblioteek terug gegee moet word binne 'n redelike tyd nadat dit deur die Universiteitsbibliotekaris herroep is: Met dien verstande, dat 'n publikasie nie teruggedoen sal word voordat 'n personeellid dit vir minstens 14 dae gehad het nie.
- (b) Die bepalings van hierdie Regulasie prejuseer nie die bepalings van Regulasies 13-19 nie.

Leners in die algemeen.

13. Die Universiteitsbibliotekaris mag enige publikasie wat van die Biblioteek geleen is op enige tyd herroep vir doeleindes van inwendige biblioteekor-ganisasie.
14. Geen lener mag enige publikasie wat van die Biblioteek geleen is aan enige-mand uitleen nie.
15. 'n Lener is aanspreeklik vir enige verlies of beskadiging ten opsigte van enige publikasie wat op sy naam uitgereik is.
16. Enige lener kan versoek dat 'n publikasie wat aan iemand uitgeleen is, vir hom gereserveer sal word, en hy moet daarvan in kennis gestel word sodra die pub-likasie beskikbaar is.
17. Geen lener mag 'n publikasie van die biblioteek verwyder voordat die uit-reiking daarvan deur die Universiteitsbibliotekaris geregistreer is nie.

18. Geen uitreiking van boeke mag geskied gedurende 'n tydperk wat tien minute voor die einde van 'n biblioteekperiode begin nie.
19. (a) Alle publikasies aan leners uitgeleen moet teruggegee word voor die einde van elke Akademiese Semester.
- (b) Enige lener, wat nie aan die einde van die Akademiese Semester enige publikasies wat hy van die Biblioteek geleen het, terug besorg nie, is onderhewig aan 'n boete van R1 per nie-terugbesorgde publikasie, afgesien daarvan of die publikasie later terugbesorg word of nie.
- (c) Indien 'n lener nie 'n publikasie terugbesorg nadat hy onderhewig geword het aan die boete van R1 nie, is hy bowendien aanspreeklik vir die vervangingskoste van die publikasie.
- (d) Enige sodanige lener word, solank hy nie aan die bepalings van hierdie Regulasie voldoen het nie en nadat die boete betaalbaar geword het, geskors van alle gebruik van die Biblioteek, tot hy dit gedoen het.
20. Geen lener mag in enige publikasie wat hy van die Biblioteek geëien het, skryf, of enige merke daarin maak of dit op enige manier beskadig nie en enigiemand wat 'n publikasie aan die Biblioteek terug besorg wat op enige manier beskadig is, is verantwoordelik vir sodanige skade, tensy daarvan 'n aantekening gemaak is op die betrokke leenkaart ten tyde van die uitreiking.

Agterstallige publikasies.

21. 'n Publikasie wat van die Biblioteek geleen is, is agterstallig nadat die leenperiode soos bepaal deur hierdie Regulasies, verstryk het, of as 'n redelike tyd verloop het nadat die boek opgeveer is deur die Universiteitsbibliotekaris.
22. Die boete vir 'n agterstallige publikasie is 5 sent per dag of gedeelte daarvan, onderworpe aan 'n maksimum van R2 per boekdeel. Nadat sodanige maksimum bereik is, is die bepalings van Regulasie 19(d) van toepassing.

Tydskrifte.

23. (a) Tydskrifte mag nie aan leners uitgeleen word nie: Met dien verstande, dat nie meer as vyf volumes ingebinde tydskrifte tegelyk aan personeellede of nagraadse studente uitgeleen mag word nie, vir 'n tydperk van nie meer as twee weke nie.
- (b) Lopende nommers van tydskrifte word in die tydskrifteleessaal uitgestal totdat hulle deur 'n volgende nommer vervang word.
- (c) Gebruikers mag nie tydskrifte van die tydskrifteleessaal verwyder of leen nie, en moet die tydskrifteleessaal uitsluitlik vir die raadpleging van tydskrifte gebruik.
- (d) Hoofde van Departemente mag egter lopende nommers van Gelyste Tydskrifte (voorgestelde plasing op die Lys moet voorgelê word aan die Adviserende Biblioteekkomitee) leen by vertoon van die betrokke kennisgewingstrokie, deur die Universiteitsbibliotekaris uitgereik ten opsigte van elke nommer, aan die tydskriftetoonbank, vir 'n periode van nie meer as drie dae nie.
- (e) Geen gebruiker het toegang tot die tydskrifbewaarploaas nie. Vir enige tydskrif moet die gebruiker by die tydskriftetoonbank aansoek doen, om dit in die tydskrifteleessaal te gebruik, en hy mag sodanige tydskrif nie daaruit verwyder nie, tensy hierdie Regulasies elders daarvoor voorsiening

maak. Die Universiteitsbibliotekaris kan egter na sy oordeel personeellede of nagraadse studente tot die tydskriftebewaarpplaas toelaat.

Inter-Biblioteeklenings.

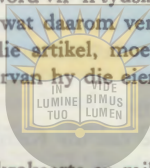
24. (a) Inter-biblioteekleendienste is beskikbaar vir personeel en nagraadse studente.
- (b) Enige gebruiker wat nalaat om op of voor die vervaldatum enige publikasie wat deur die Biblioteek deur middel van die Interbiblioteekleendiens geleen is, terug te besorg, moet van alle leenvoorregte geskors word tot tyd en wyl hy sodanige publikasie terugbesorg het.
- (c) Indien die gebruik van enige publikasie of ander materiaal op enige wyse deur hierdie Regulasies beperk word, moet sodanige beperking 'n voorwaarde wees vir 'n lening aan 'n biblioteek wat dit van hierdie Biblioteek deur die Inter-biblioteekleendiens leen, en omgekeerd.
- (d) Indien aansoek gedoen word vir 'n tydskrifartikel deur die Inter-biblioteekdiens, en die Biblioteek wat daarom versoek is voorsien hierdie Biblioteek met 'n fotoafdruk van die artikel, moet die aansoeker vir die koste van sodanige fotoafdruk, waarvan hy die eienaar word, betaal.

Spesiale Materiaal.

25. Manuskripte, mikrofilms, mikrokaarte en mikrofiches is slegs vir gebruik in die Biblioteek beskikbaar en mag nie uit die Biblioteek verwyder word nie.

Africanabiblioteek.

26. Publikasies in die Africanabiblioteek mag nie uitgeleen word nie. Sodanige publikasies mag nie uit die Africanabiblioteek verwyder word nie, maar moet daar geraadpleeg word.



University of Port Harcourt
Together in Excellence

AKADEMIESE DRAG

Die akademiese drag van ampsdraers van die Universiteit is soos volg:

1. KANSELIER.

Toga. Swart sy met goudkleurige sy sierbelegsels aan weerskante voor en 'n vierkantige goudkleurige sykraag agter. Die kraag en die sierbelegsels is met swart fluweellint en breë goudgalon omgeboor. Die onderkant van die toga sowel as albei die lang geslote moue is met breë goudgalon omgeboor. Die moue is versier met stroke goudgalon, goue klossies en 'n lang vertikale strook goudgalon. Die mou-opening is met goudgalon omgeboor en aan die bokant van elke mou is daar 'n strook goue borduurwerk. Daar is 'n slip aan die agterkant van die toga om beweging te vergemaklik, wat ook met goudgalon omgeboor is.

Mus. Swart fluweelmus met 'n goue klossie en omboorsel van goudgalon. (Patroon van die Universiteit Rhodes.)

2. VISE-KANSELIER/REKTOR.

Toga Dieselfde as die van die Kanselier, maar met silwergalon in plaas van goudgalon omgeboor.

Mus. Swart fluweelmus met 'n silwer klossie en silwergalon omboorsel. *University of Fort Hare Together in Excellence*

3. VOORSITTER VAN DIE RAAD.

Toga. Swart sy met sierbelegsels van dieselfde materiaal en 'n omboorsel van goudgalon 25 mm. breed reg rondom die skouerstuk voor sowel as agter. Die moue is vierkantig en van dieselfde patroon as die wat deur Presbiteriaanse predikante gedra word (d.w.s. hulle is oop by die voorarmnaat) en is van swart sy met 'n voering van goudkleurige sy.

Mus. Swart fluweelmus met 'n swart klossie en 'n omboorsel van goudgalon.

4. RAADSLEDE.

Toga. Swart vulstof van die patroon vir ongegradeerdes met twee lusse van goue koord (150 mm.) en twee goue knope aan albei kante van die skouerstuk voor. Geen Hoofbedeksel.

5. VOORSITTEER VAN DIE ADVISERENDE RAAD.

Toga. Soos vir die Voorsitter van die Raad, maar die moue is met papawerrooi uitgevoer. (No. 97)

Mus. Soos vir die Voorsitter van die Raad, maar die omboorsel en klossie is papawerrooi.

6. LEDE VAN DIE ADVISERENDE RAAD.

Toga. Soos vir lede van die Raad, maar die lusse en knope is papawerrooi (of so na daaraan as moontlik.)
Geen Hoofbedeksel.

7. REGISTRATEUR.

Toga. Swart koordsy met 'n sierbelegsel 100 mm. breed van swart fluweel voor sowel as om die kraag omgeboor met goudgalon 25 mm. breed. Lang gepunte moue in goue koord gevat, en die wapen van die universiteit.

Mus. Swart fluweelmus met goue klossie.

8. ANDER ADMINISTRATIEWE BEAMPTES.

Toga. By Gradeplegtighede dra ander Administratiewe Beamptes, indien hulle nie gegradueerdes is nie, togas van swart vulstof van die patroon vir ongegradueerdes.

9. GEGRADUEERDES.

Doktor.

Toga. Deeldrag — Magistertoga met die skouerstuk heeltemal omgeboor met goue koord en met 'n goue koord en knoop aan die agterkant van die skouerstuk.

Voldrag — die patroon van die Oxfordse Doktor, met swart sy aan weerskante voor met daarop goudkleurige sypaneel 150 mm. breed en 'n sierbelegsel van 25 mm. in die kenmerkende kleur van die graad. Moue uitgevoer met goudkleurige sy.

Graadband. Volpatroon — D.Litt. et Phil., D.Theol., LL.D., D.Ed., D.Comm., D.Sc. (Landmeetkunde), D.Phil. (M.W.), D.Bibl., D.Sc., D.Admin., D.Sc. (Agric.):
Sy van die kenmerkende kleur van die graad, met goudkleurige sy uitgevoer en omgeboor met verstrengelde swart en goue koord. Die graadkleure is:—

D.Litt. et Phil.	Lasuurblou	(148)
D.Theol.	Pers	(179)
LL.D.	Donkerskarlaken	(186)
D.Ed.	Dowwe pienk	(157)
D.Comm.	Roesbruin	(58)
D.Sc. (Landmeetkunde)	Kanongrys	(42)
D.Phil. (M.W.)	Ysvoëlblou	(164)
D.Bibl.	Ligblou.	(84)
D.Sc.	Silwergrys	(153)
D.Admin.	Beige-pienk	(18)
D.Sc. (Agric.)	Smaraggroen	(213)

Mus. Deeldrag — soos vir Magisters.

Voldrag — Swart fluweelmus met goue klossie.

Magister.

Toga. Patroon van die Oxford M.A., swart vulstof of sy met 'n klein goue knoop en horisontale goue koord op die skouerstuk aan weerskante voor.

Graadband. Volpatroon, swart sy met goudkleurige sy uitgevoer en met, aan die binnekant van die kap, 'n sierbelegsel 75 mm. breed in die kenmerkende kleur van die ooreenstemmende Baccalaureusgraad.

Mus. Soos vir die Baccalaureus.

Honneurs Baccalaureus.

Toga en mus soos vir Baccalaureusgrade.

Graadband. Die graadband vir die ooreenstemmende Baccalaureusgraad, met die toevoeging aan die binnekant bo van goue koord 6 mm. breed.

B.Ed., LL.B.

Toga en mus soos vir B.A.

Graadband. Eenvoudige patroon, swart sy met goud uitgevoer, en aan die binnekant omgeboor met 75 mm. en aan die buitekant met 12 mm. sy van die kenmerkende kleur van die graad, nl.:

B.Ed.	Dowwe pienk	(157)
LL.B.	Donkerskarlaken	(186)

B.A., B.A., (M.W.), B.Bibl., B.Jur., B.Proc., B.Theol., B.Agric., B.Sc., B.Comm., B.Admin., B.Sc. (Landmeetkunde)

Toga. Swart vulstof met gepunte moue wat van die skouer tot die pols oop is, by die pols in 'n klein goue koord en twee knope gevat.

Graadband.

Eenvoudige patroon, swart sy met aan die binnekant bo 'n sierbelegsel 100 mm. breed van goudkleurige sy, wat aan die binnekant omgeboor is met 25 mm. en aan die buitekant met 12 mm. sy van die kenmerkende kleur van die graad, nl.:

B.A.	Lasuurblou	(148)
B.Bibl.	Ligblou	(84)
B.Jur.	Donkerskarlaken	(186)
B.Proc.	Soos vir B.Jur. met 'n bykomende silwer koord 5 mm. wyd aan die buitekant.	
B.Theol.	Pers	(179)
B.Agric.	Appelgroen	(22)
B.Sc.	Silwergrys	(153)
B.Comm.	Roesbruin	(58)
B.Admin.	Beige-pienk	(18)
B.A. (M.W.)	Ysvoëlblou	(164)
B.Sc. (Landmeetkunde)	Kanongrys	(42)

Mus. Swart kledestofmus met 'n klossie van gemengde swart en goue drade.

B.Sc. (Agric.)

Toga en mus soos vir B.A.

Graadband. Soos vir B.Agric., maar omgeboor met 50 mm. smaraggroen (213) sy aan die binnekant en 12 mm. aan die buitekant.

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WISE-REKTOR

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Die Vise-Rektor (ampshalwe)
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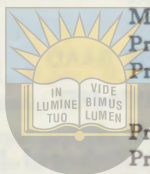
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Vakature	Landbou

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Landbou:

Agronomie
Grondkunde
Landbou Biologiese Wetenskappe
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Veekunde

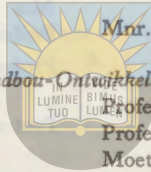
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Komitee vir die werkgemeenskap vir die sentrale grasveldgebied	Mnr. W. S. W. TROLLOPE



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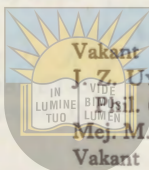
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Lektor	Vakant
Lektor	Vakant

Sekretaresse/Tikster
Tikster

Mev. E. WANNENBURG
Mej. R. H. MARGOLIUS

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Lektor	Vakant
Lektor	Vakant
Lektor	Vakant
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Tegnikus (Operateur/Demonstrateur)	Vakant



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Together (Fort Hare)

Departement Musiek

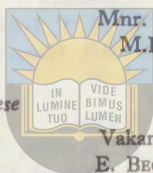
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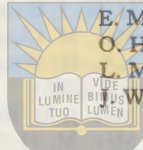
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INSTITUUT VIR LANDBOU-ONTWIKKELINGSNAVORSING

Direkteur	Vakant
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ALGEMENE REGSBEPALINGE WAT VAN TOEPASSING IS OP STUDENTE VAN HIERDIE UNIVERSITEIT

Artikels 20, 27, 28, 29, 30 en 42 van wet Nr. 40 van 1969

Wet op die Universiteit van Fort Hare

20. (1) Niemand word as 'n gematrikuleerde student van die Universiteit ingeskryf nie tensy—

- (a) hy die matrikulasiesertifikaat deur die in artikel 15 van die Wet op Universiteite, 1955 (Wet No. 61 van 1955), bedoelde Gemeenskaplike Matrikulasieraad uitgereik, verwerf het of na die oordeel van die gemelde Matrikulasieraad voldoen het aan die voorwaardes van vrystelling van die matrikulasie-eksamen en 'n sertifikaat te dien effekte verkry het: Met dien verstande dat die raad daarbenewens die behaal van 'n bepaalde standaard in 'n bepaalde vak by die matrikulasie-eksamen of by 'n eksamen wat deur die gemelde Matrikulasieraad vir die doel erken word, by regulasie kan voorskryf as 'n voorvereiste vir toelating tot 'n bepaalde studiekursus aan die Universiteit; of
- (b) hy 'n gegradueerde van 'n universiteitsinrigting is of tot die status van 'n gegradueerde deur 'n universiteitsinrigting toegelaat is; en
- (c) hy voldoen het aan die ander voorwaardes wat deur die raad by regulasie voorgeskryf word; en
- (d) hy die vereiste geldes betaal het.

(2) Elke persoon wat as 'n student van die Universiteit ingeskryf word, moet solank hy 'n student van die Universiteit bly, sy inskrywing jaarliks hernuwe.

(3) Aan 'n student van die Universiteit wat nie daarin slaag om aan die minimum studievereistes wat voorgeskryf word, te voldoen nie kan toestemming om sy inskrywing as student te hernuwe deur die raad geweier word.

(4) Die raad kan na oorlegpleging met die senaat en met die voorafgaande goedkeuring van die Minister, die aantal persone beperk wat toegelaat kan word om vir 'n kursus in te skryf, in watter geval die senaat uit die persone wat bevoeg is om tot die kursus toe te tree, diegene kan uitkies wat toegelaat moet word om daarvoor in te skryf.

27. (1) Aan die Universiteit is daar—

- (a) fakulteite van lettere en wysbegeerte, natuurwetenskappe, opvoedkunde, regte, landbou, ekonomiese wetenskappe, en teologie; en
- (b) die ander fakulteite wat die raad na oorlegpleging met die senaat en met die goedkeuring van die Minister van tyd tot tyd instel.

(2) Die raad mag nie sonder die voorafgaande goedkeuring van die Minister 'n departement of 'n kursus vir 'n graad, diploma of sertifikaat of in 'n vak instel waarvoor daar nie onmiddellik voor die bepaalde datum uitdruklike magtiging aan die universiteitskollege ingevolge 'n wetsbepaling bestaan het nie.

28. (1) Behoudens die bepalings van hierdie Wet, kan die Universiteit in 'n fakulteit dié grade toeken wat hy goedvind.

(2) Die naam van 'n bepaalde graad in 'n fakulteit is dié wat by statuut voorgeskryf word.

(3) Behoudens die bepalings van artikel 31, mag die Universiteit nie 'n graad aan iemand toeken wat nie in 'n eksamen of ander toets dié peil van bekwaamheid wat voorgeskryf word, bereik het nie.

(4) Behoudens die bepalings van hierdie Wet, kan die Universiteit 'n diploma of sertifikaat verleen aan iemand wat 'n studiekursus gevolg het wat die Universiteit aanbied, of aan iemand anders wat na sy oordeel die kwalifikasies vir so 'n diploma of sertifikaat besit.

29. Behoudens die bepalings van die statuut, kan die raad op aanbeveling van die senaat—

- (a) 'n gegradueerde van 'n ander universiteitsinrigting of van 'n universiteit buite die Republiek tot 'n status aan die Universiteit toelaat wat gelykstaande is met die status wat hy aan daardie ander universiteitsinrigting of aan daardie universiteit besit;
- (b) iemand wat aan 'n ander universiteitsinrigting of aan 'n universiteit buite die Republiek of aan 'n ander instelling wat deur die senaat as gelykstaande met die Universiteit beskou word, geslaag het in eksamens wat na die oordeel van die senaat gelykwaardig is met, of hoër is as, die eksamens wat voorgeskryf word vir 'n graad van die Universiteit wat 'n voorvereiste is vir 'n baccalaureus-honneursmagisters- of doktorsgraad van die Universiteit, as kandidaat toelaat vir 'n graad waarvoor eersbedoelde graad so 'n voorvereiste is.

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30. 'n Eksamen of ander toets van die Universiteit word afgeneem onder die beheer van die senaat en onderworpe aan die bepalings van die statuut: Met dien verstande dat, totdat die Minister anders bepaal, daar by die afneem van 'n eksamen of ander toets (met inbegrip van 'n verhandeling of proefskrif) wat aan die einde van die laaste semester afgeneem word in 'n hoofvak wat tot 'n graad, diploma of sertifikaat lei, en van dié ander eksamens (indien daar is) wat die raad op aanbeveling van die senaat bepaal, gebruik gemaak moet word, op dié wyse wat die senaat met die goedkeuring van die raad bepaal, van die dienste van eksterne eksaminatore of moderatore wat die raad op aanbeveling van die senaat aanstel.

42. (1) Indien iemand geslaag het in 'n eksamen of ander toets wat voor die bepaalde datum afgeneem is deur die Universiteit van Suid-Afrika ingevolge die bepalings van artikel 21 (1) van die Wet op Oordrag van die Universiteitskollege Fort Hare, 1959 (Wet No. 64 van 1959), of deur die universiteitskollege ingevolge die bepalings van artikel 23 van daardie Wet, word so iemand vir die doeleindes van die toekenning of verlening van 'n graad, diploma of sertifikaat deur die Universiteit geag in 'n ooreenstemmende eksamen of toets van die Universiteit te geslaag het.

(2) Iemand wat op of voor die bepaalde datum as 'n student van die universiteitskollege ingeskryf is of was vir 'n graad, diploma, sertifikaat, eksamen of ander toets van die Universiteit van Suid-Afrika, word geag ingeskryf te wees of te gewees het vir die ooreenstemmende graad, diploma, sertifikaat, eksamen of ander toets van die Universiteit en die Universiteit is nie verplig om so iemand voor te berei vir die betrokke graad, diploma, sertifikaat, eksamen of ander toets van die Universiteit van Suid-Afrika nie.

UITTREKSELS UIT DIE STATUUT VAN DIE UNIVERSITEIT VAN FORT HARE

*Goewermentskennisgewing R.2001 gedateer 5.11.1971 paragrawe 46, 47, 48, 52, 53, 54 en 55
Toelating tot gelyke status*

46. (a) 'n Gegradueerde van 'n ander universiteitsinrigting of van 'n universiteit buite die Republiek wat ingevolge artikel 29 (a) van die Wet toegelaat is tot 'n gelykstaande status, en
(b) iemand wat ingevolge artikel 29(b) van die Wet as kandidaat vir 'n graad toegelaat is,

betaal die gelde wat by Wet bepaal is, en die raad kan in elke geval die effektiewe datum en ander voorwaardes, indien enige, van sodanige toelating bepaal.

Eksamens en ander toetse

Eksaminatore.

47. Behoudens die bepalinge van artikel 30 van die Wet, word elke eksamen of ander toets waardeur 'n kursus vir 'n graad, diploma of sertifikaat voltooi word, afgeneem deur minstens twee eksaminatore wat die senaat aanstel.

Jaarpunte van kandidate.

48. Aan 'n kandidaat word daar voor die eksamen aan die einde van elke kursus wat hy volg, 'n jaarpunt of semesterpunt toegeken vir sy werk gedurende die jaar of semester, na gelang van die geval, en die senaat kan bepaal—

- (a) dat hy nie tot die eksamen aan die einde van die kursus toegelaat word nie, tensy hy 'n minimum jaarpunt of semesterpunt deur die senaat voorgeskryf in daardie kursus behaal het; en
(b) dat die jaarpunt of semesterpunt, na gelang van die geval, sowel as die punt in die eksamen behaal in aanmerking geneem word, in die verhouding wat die senaat bepaal, by die berekening van sy finale punt vir daardie kursus.

Minimum tydperk van bywoning

Gewone en honneurs-baccalaureusgraad.

52. Behoudens die bepalinge van die Wet en hierdie Statuut, word geen kandidaat tot die graad van baccalaureus toegelaat nie, tensy hy na die geldigheidsdatum van die matrikulasiesertifikaat of van die sertifikaat van volle vrystelling van die matrikulasie-eksamen uitgereik deur die matrikulasieraad die volgende bywonings-tydperk wat as minimum vir so 'n graad erken word, voltooi het:—

- (a) vir die graad Baccalaureus Artium in die suiwer lettere en wysbegeerte of maatskaplike werk, of Baccalaureus Scientiae in die suiwer wetenskappe, of Baccalaureus Theologiae of Baccalaureus Iuris of Baccalaureus Legum of Baccalaureus Commercii of Baccalaureus Administrationis: minstens drie akademiese jare;
(b) vir die graad Baccalaureus Procurationis, of Baccalaureus Bibliothecologiae, of Baccalaureus in Landbou, of Baccalaureus Scientiae in, Landmeetkunde of Landbou: minstens vier akademiese jare;
(c) vir die graad Baccalaureus in die Opvoedkunde of in Liggaamlike Opvoeding: 'n tydperk van—
(i) ten minste twee jaar waar hy voor die voltooiing van hierdie bywonings-

tydperk die graad van Baccalaureus Artium of Scientiae of 'n ander graad wat deur die senaat van die Universiteit as gelykwaardig daaraan aanvaar is, behaal het; of

- (i) ten minste een jaar waar hy voor hierdie bywoningstydperk òf 'n goedgekeurde vierjarige baccalaureusgraad òf 'n goedgekeurde driejarige baccalaureusgraad en ook 'n goedgekeurde diploma of 'n sertifikaat in die Opvoedkunde behaal het;
- (d) vir enige ander baccalaureusgraad wat nie 'n honneursgraad is nie: minstens drie akademiese jare;
- (e) vir die honneurs-baccalaureusgraad: minstens een akademiese jaar na toelating tot 'n baccalaureusgraad vir dié doel erken deur die senaat.

Magistergraad.

53. Behoudens andersluidende bepalings in die Wet en hierdie Statuut, word geen kandidaat tot die graad van magister in 'n fakulteit, behalwe die Fakulteit van Opvoedkunde, toegelaat nie vóór minstens een jaar nadat hy aan die vereistes vir die honneurs baccalaureusgraad voldoen het of vóór minstens twee jaar nadat hy tot die gewone graad van baccalaureus of ekwivalente status in die betrokke fakulteit toegelaat is: Met dien verstande dat in die Fakulteit van Opvoedkunde minstens een jaar moet verloop nadat hy tot die graad Baccalaureus Educationis of ekwivalente status toegelaat is.

Doktorsgraad.

54. Behoudens andersluidende bepalings in die Wet en hierdie Statuut word geen kandidaat tot die graad van doktor in enige fakulteit toegelaat nie vóór minstens vier jaar nadat hy tot die graad van baccalaureus of ekwivalente status toegelaat is.

Bywoning aan en eksamens van ander universiteit

55. (1) Ondanks 'n andersluidende bepaling in hierdie Statuut en behoudens die bepalings van subparagraaf (3) aanvaar die senaat as deel van die bywoning van 'n student wat vir toelating tot 'n baccalaureusgraad, uitgesonderd 'n eenjarige honneurs-baccalaureusgraad, aan die Universiteit kwalifiseer, bywoningstydperke as ingeskrewe gematrikuleerde student aan 'n ander universiteit of inrigting wat die senaat vir dié doel erken: Met dien verstande dat so 'n bywoningstydperk aanvaar word slegs in die geval van 'n erkende leergang en dat die senaat, in die geval van 'n student, sower doenlik sertifikate van bekwaamheid in enige vak deur die senaat van sodanige ander universiteit of inrigting uitgereik, kan aanvaar: Met dien verstande voorts dat so 'n kandidaat nie tot 'n graad toegelaat sal word nie tensy hy aan die bepalings van subparagraaf (2) voldoen het, en—

- (a) in die eksamens wat die senaat bepaal, geslaag het;
- (b) die gelde wat voorgeskryf word, betaal het; en
- (c) in ander opsigte aan die vereistes vir die graad voldoen het.

(2) 'n Kandidaat word nie tot 'n gewone baccalaureusgraad ingevolge subparagraaf

(1) toegelaat nie tensy—

- (a) sy bywoningstydperke aan die ander universiteit of inrigting en aan die Universiteit tesame minstens gelyk is aan die volle tydperk wat vir toelating tot die graad voorgeskryf word; en
- (b) hy aan die Universiteit goedgekeurde kursusse bygewoon het—

- (i) vir die graad Baccalaureus Educationis, minstens gedurende die finale akademiese jaar;
- (ii) vir 'n baccalaureusgraad waarvoor die voorgeskrewe bywoningstydperk vier jaar is, minstens gedurende die finale twee akademiese jare; en
- (iii) vir 'n ander baccalaureusgraad, minstens gedurende twee akademiese jare: Met dien verstande dat hy minstens die helfte van die totale aantal kursusse voorgeskryf vir die graad, bygewoon het.

(3) Die senaat kan, as deel van die bywoning van 'n student wat vir toelating tot 'n baccalaureusgraad, uitgesonderd 'n eenjarige honneurs-baccalaureusgraad, kwalifiseer, tydperke van registrasie as 'n gematrikuleerde student van die Universiteit van Suid-Afrika aanvaar: Met dien verstande dat so 'n tydperk van registrasie aanvaar word slegs in die geval van 'n kursus deur die senaat erken en dat die senaat in die geval van 'n student, sover doenlik, sertifikate van bekwaamheid in enige vak uitgereik deur die senaat van die Universiteit van Suid-Afrika, kan aanvaar: Voorts met dien verstande dat die bepalings van subparagrafe (1) en (2) *mutatis mutandis* van toepassing is en dat die kandidaat—

- (a) in die eksamens wat die senaat bepaal, geslaag het;
- (b) die gelde wat voorgeskryf word, betaal het; en
- (c) in ander opsigte aan die vereistes vir die graad voldoen het.

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REGULASIES

Goewermentskennisgewing Nr. R1448 van 20.8.71 (Soos gewysig deur Goewermentskennisgewings Nr. R2442 van 22.12.72, Nr. R27 van 3.1.75, R2143 van 14.11.75 en Nr. R2071 van 5.11.76)

Universiteit van Fort Hare—Regulasies

Die Minister van Bantoe-onderwys het kragtens die bevoegdheid hom verleen by artikel 33 (5) van die Wet op die Universiteit van Fort Hare, 1969 (Wet 40 van 1969), soos gewysig, onderstaande regulasies van die Universiteit van Fort Hare goedgekeur:

1. (1) Niemand word tot die studiekursus vir die graad Baccalaureus Scientiae in die suiwer wetenskappe of vir die graad Baccalaureus Scientiae in Landbou toegelaat nie, tensy hy die matrikulasiesertifikaat deur die Gemeenskaplike Matrikulasieraad uitgereik of 'n vrystellingsertifikaat van die matrikulasie-eksamen deur gemelde Matrikulasieraad uitgereik, verwerf het, en daarbenewens die slaagstandaard in Wiskunde by die matrikulasie-eksamen of by 'n eksamen wat deur gemelde Matrikulasieraad vir die doel erken word, behaal het.

(2) Niemand word tot die kursus Wiskunde I in enige fakulteit toegelaat nie, tensy hy 'n standaard van minstens 40 persent in Wiskunde in die matrikulasie- of gelykstaande eksamen behaal het.

(3) Niemand word tot die kursus Statistiek I in enige fakulteit toegelaat nie, tensy hy die slaagstandaard in Wiskunde in die matrikulasie- of gelykstaande eksamen behaal het.

2. 'n Student wat—

- (a) nie in sy eerste studiejaar minstens twee kursusse, of in die Fakulteit Landbou, die minimum aantal semesterkursusse gelykstaande aan minstens 20 eenhede soos in die reëls van die Fakulteit Landbou omskryf, voltooi het nie;
of
- (b) in enige daaropvolgende studiejaar nie aan die vereistes wat in die betrokke graad- of diplomareëls vir bevordering tot die volgende studiejaar bepaal word, voldoen nie,

kan toestemming om sy inskrywing as student te hernuwe deur die Raad geweier word.

ALGEMENE REËLS VIR GRADE, DIPLOMAS EN SERTIFIKATE

A. ALGEMENE REËLS VIR ALLE GRADE.

Woordomskrywing.

G.1. In hierdie reëls, tensy uit die samehang anders blyk—

- (i) beteken „kursus” daardie deel van die leerplan in enige vak wat voorgeskryf word as studie-eenheid wat oor een akademiese jaar strek, en het „halwe kursus” en „semesterkursus” ’n ooreenstemmende betekenis;
- (ii) beteken „leergang” die gesamentlike geheel van al die kursusse wat altesaam voltooi moet word soos in die reëls neergelê ten einde aan die vereistes vir ’n graad te voldoen;
- (iii) sluit „eksamen” die daaropvolgende hereksamen, siekte- of spesiale eksamen in; en
- (iv) sluit „Senaat” die Dekaan van ’n Fakulteit in waar hy binne die bestek van sy gesag namens die Senaat optree in verband met ’n saak rakende ’n student se leergang.

Inskrywing en goedkeuring van leergang.

G.2. Elkeen wat as ’n student van die Universiteit toegelaat word, lê jaarliks op die bepaalde dag, of binne sodanige restrykte tydperk as wat toegelaat mag word, sy voorgestelde leergang voor vir goedkeuring deur die Senaat en ’n aldus goedgekeurde leergang mag nie sonder die verlof van die Senaat gewysig word nie.

G.3. Behalwe met vergunning van die Senaat mag ’n student nie in dieselfde akademiese jaar vir meer as een graad, diploma of sertifikaat ingeskryf word nie, en mag ’n student van die Universiteit nie in dieselfde akademiese jaar as student van ’n ander universiteit ingeskryf word nie.

Wysiging van reëls.

G.4. As die reëls vir ’n graad gewysig word, mag ’n student wat ingevolge die ou reëls ingeskryf was en in die akademiese jaar voor die instelling van die nuwe reëls erkenning ontvang het en sy studies ononderbroke voortsit, onderhewig aan enige andersluidende bepalings, kies of hy kragtens die ou of die nuwe reëls wil voortgaan: Met dien verstande dat—

- (a) sodanige keuse finaal is, en
- (b) as hy verkies om kragtens die ou reëls voort te gaan en in enige akademiese jaar daarna nie daarin slaag om erkenning te ontvang nie of sy studies te eniger tyd onderbreek, hy verplig word om sy studies verder kragtens die nuwe reëls voort te sit.

Kondonering van oortreding van die reëls.

G.5. Ondanks andersluidende bepalings kan die Senaat ’n oortreding van die reëls kondoneer as hy daarvan oortuig is dat die student nie skuld het nie en onredelik gepenaliseer sou word as die oortreding nie gekondoneer word nie.

B. ALGEMENE REËLS VIR BACCALAUREUSGRADE

Leergang.

G.6. (1) Onderhewig aan die bepalings van subparagraaf (2) moet elke student vir 'n baccalaureusgraad 'n goedgekeurde leergang as gematrikuleerde student bywoon kragtens die reëls vir die betrokke graad.

(2) Die Senaat kan 'n spesiale leergang binne die raamwerk van die reëls goedkeur vir 'n student aan wie vrystelling, ingevolge die bepalings van die Statuut of van paragraaf G.14 van hierdie reëls, van enige kursus of kursusse verleen is, of wat sy studies onderbreek het voor 'n wysiging van die reëls vir die graad waarvoor hy ingeskryf is en gevolglik verplig word om kragtens die nuwe reëls voort te gaan.

(3) Die reëls vir 'n graad kan bykomende vereistes neerlê waaraan voldoen moet word voordat 'n graad toegeken kan word.

G.7. Onderhewig aan andersluidende bepalings word 'n student nie tot die tweede of meer gevorderde kursus in 'n vak toegelaat nie tensy hy erkenning vir die voorafgaande kursus ontvang het.

G.8. Die reëls vir 'n graad kan neerlê dat—

(a) 'n student nie tot 'n bepaalde kursus in 'n vak toegelaat word nie tensy hy gespesifiseerde hulpkursusse in 'n ander vak of vakke voltooi het, of dieselfde kursus gelyktydig met die bepaalde betrokke kursus geneem word; of

(b) dat 'n student nie erkenning ontvang vir 'n kursus wat hy voltooi het nie alvorens hy 'n ander gespesifiseerde kursus of kursusse voltooi het.

Eksamen

G.9. (1) Om 'n kursus te voltooi, moet 'n student die volgende behaal:

(a) 'n jaarpunt of semesterpunt van minstens 40%;

(b) minstens 40% van die punte in die eksamen;

(c) sodanige subminimum as wat die Senaat vir enige bepaalde deel van die eksamen mag voorskryf; en

(d) minstens 50% van die jaarpunt of semesterpunt en die eksamen tesame: Met dien verstande dat die verhouding waarin die twee gekombineer word moet wees soos die Senaat vir elke kursus bepaal.

(2) 'n Student word nie tot die eksamen aan die einde van 'n kursus toegelaat nie, tensy hy 'n jaarpunt soos in klousule (a) van subparagraaf (1) bepaal, behaal het nie.

(3) 'n Eksamen behels 'n skriftelike toets bestaande uit een of meer vraestelle soos deur die Senaat bepaal, en kan ook 'n praktiese of mondelinge toets of albei insluit.

(4) Die Hoof van 'n Departement kan in oorleg met die eksaminatore vereis dat 'n student hom vir 'n bykomende mondelinge eksamen onmiddellik na die gewone eksamen moet aanmeld, en 'n student moet hiervoor beskikbaar wees tot drie dae nadat hy sy laaste eksamen afgelê het.

(5) Elke eksamen word onder die beheer van die Senaat afgeneem en word, tensy anders vermeld, aan die einde van die akademiese jaar afgeneem.

G.10. Die reëls vir graad kan neerlê dat 'n student wat nie daarin slaag om 'n kursus te voltooi nie, tot die daaropvolgende hereksamen toegelaat kan word, en skryf in so 'n geval die voorwaardes vir toelating tot so 'n hereksamen voor.

G.11. (1) 'n Student wat deur siekte op of onmiddellik voor die dag van 'n eksamen verhinder word om een of meer vraestelle te skryf of te voltooi kan deur die

Rektor (of 'n amptenaar deur hom aangewys) toegelaat word om hom vir 'n siekte-eksamen aan te meld, mits hy 'n mediese sertifikaat indien wat die aard en duur van die siekte vermeld en waarin verklaar word dat dit om gesondheidsredes onmoontlik of onwenslik was om die eksamen op die bepaalde dag te skryf.

(2) 'n Student wat deur gesinsomstandighede, soos die dood of ernstige siekte van 'n bloedverwant, gedurende die eksamen verhinder word om een of meer vraestelle te skryf, kan deur die Rektor (of 'n amptenaar deur hom aangewys) toegelaat word om hom vir 'n spesiale eksamen aan te meld, mits bevredigende bewys van sodanige omstandighede gelewer word.

(3) Toestemming kragtens subparagraaf (1) of (2) word nie aan 'n student verleen nie tensy sy aansoek die Registrateur minstens 'n week voor die einde van die akademiese jaar bereik.

G.12. (1) 'n Student wat in 'n eksamen gedruip het kan in 'n latere bywoningsjaar aan die Universiteit deur die hoof van die betrokke departement toegelaat word om, sonder om die kursus weer by te woon, hom aan die einde van die akademiese jaar vir hereksamen aan te meld op voorwaarde dat hy inskryf vir die kursus en die voorgeskrewe gelde betaal.

(2) 'n Student wat gedruip het in 'n kursus wat die laaste oorblywende vereiste vir sy graad is, kan deur die Senaat toegelaat word om hom aan die einde van 'n latere akademiese jaar vir hereksamen aan te meld sonder om die kursus weer by te woon, op voorwaarde dat hy inskryf vir die kursus en die voorgeskrewe gelde betaal.

(3) Die Senaat neem, in die geval van 'n student wat kragtens sub-paragraaf (1) of (2) hereksamen sonder bywoning afleë, nie die voorsien bepaalde jaarpunt in aanmerking nie, maar so 'n student moet—

(a) minstens 50% van die punte in die eksamen behaal, en

(b) die subminimum wat vir enige bepaalde deel van die eksamen voorgeskryf is, behaal.

G.13. 'n Besitter van 'n diploma of sertifikaat, of 'n besitter van 'n graad, wat slegs een kursus moet voltooi om as kandidaat vir 'n graad, respektiewelik nog 'n graad, te kwalifiseer, kan hom, met vergunning van die Senaat, vir eksamen aanmeld, hetsy gedurende 'n gewone eksamenperiode of 'n hereksamenperiode: Met dien verstande dat toestemming om hom gedurende 'n hereksamenperiode aan te meld slegs onder buitengewone omstandighede verleen sal word.

Vrystellings.

G.14. (1) Die Senaat kan, onderhewig aan sodanige voorwaardes as wat hy mag neerleë, vrystelling aan 'n student verleen ten opsigte van 'n kursus wat hy vir 'n ander graad, diploma of sertifikaat van die Universiteit voltooi het: Met dien verstande dat sodanige student nie tot 'n baccalaureusgraad toegelaat sal word nie tensy—

(a) hy goedgekeurde kursusse vir so 'n graad bygewoon het, soos volg:—

(i) vir die graad Baccalaureus Educationis, minstens gedurende die finale akademiese jaar;

(ii) vir die graad Baccalaureus Legum, minstens die finale twee akademiese jare;

(iii) vir enige ander baccalaureusgraad, minstens die helfte van die totale aantal kursusse voorgeskryf vir die graad;

(b) hy sodanige eksamens geslaag het as wat die Senaat mag voorskryf; en

(c) hy in alle ander opsigte aan die vereistes vir die graad voldoen.

(2) Ondanks die bepalings van subparagraaf (1) mag 'n student nie 'n vak as hoof- of belangrikste vak vir 'n graad kies wat hy as hoofvak vir 'n ander graad geneem het nie.

Erkenning.

G.15. (1) Behoudens andersluidende bepalings ontvang 'n student erkenning vir elke kursus wat hy voltooi: Met dien verstande dat die reëls vir 'n graad mag neerlê dat 'n student nie tot die tweede of latere studiejaar in 'n bepaalde vak, of enige vak hoegenaamd, mag voortgaan nie, alvorens hy die minimum aantal vakke wat vir die doel voorgeskryf word, voltooi het.

(2) 'n Student ontvang nie erkenning vir die finale kursus van 'n vak wat in die reëls vir 'n graad as 'n hoofvak omskryf word nie, tensy hy hom by die eerste poging gelyktydig vir eksamen in die finale kursusse van twee sulke vakke aanmeld nie: Met dien verstande dat hy erkenning ontvang vir die finale kursus van een hoofvak as hy dit by die eerste poging of daarna voltooi.

Kursusse vir nie-graaddoeleindes (NGD) bygewoon.

G.16. (1) Die Senaat kan 'n persoon, hetsy 'n gematrikuleerde of andersins, toelaat om as geleentheidstudent vir 'n kursus of kursusse in te skryf anders dan as kandidaat vir 'n graad, en onderhewig aan die voorwaardes wat hy voorgeskryf het of mag voorskryf.

(2) Die Senaat kan 'n student wat vir 'n graad ingeskryf is, toelaat om vir 'n kursus of kursusse in te skryf anders dan as deel van sy leergang, en bykomend daaraan, onderhewig aan die voorwaardes wat hy voorgeskryf het of mag voorskryf.

(3) Behoudens die bepalings van paragraaf G.14. kan die Senaat aan 'n student erkenning vir graaddoeleindes verleen ten opsigte van een of meer kursusse wat hy ingevolge die bepalings van subparagraaf (1) of (2) of albei voltooi het, onderhewig aan die voorwaardes wat hy voorgeskryf het of mag voorskryf: Met dien verstande dat sodanige erkenning nie verleen word nie tensy, gedurende alle toepaslike tydperke—

- (a) hy behoorlik gekwalifiseerd was om vir die betrokke graad in te skryf; en
- (b) sodanige kursus deel van 'n goedgekeurde leergang vir die graad kon gewees het.

C. ALGEMENE REËLS VIR HONNEURS-BACCALAUREUSGRADE

G.17. Niemand word as kandidaat vir 'n honneurs-baccalaureusgraad toegelaat nie tensy hy—

- (a) tot 'n baccalaureusgraad van die Universiteit toegelaat is; of
- (b) 'n gegradueerde is van 'n ander universiteitsinrigting of van 'n universiteit buite die Republiek en tot die status van baccalaureus aan die Universiteit toegelaat is; of
- (c) aan 'n ander universiteitsinrigting of aan 'n universiteit buite die Republiek of aan 'n ander instelling wat deur die Senaat as gelykstaande met die Universiteit beskou word, geslaag het in eksamens wat na die oordeel van die Senaat gelykwaardig is met, of hoër is as, die eksamens wat voorgeskryf word vir 'n baccalaureusgraad van die Universiteit.

G.18. Iemand wat as kandidaat vir 'n honneursgraad toegelaat wil word, moet skriftelik by die Registrateur aansoek doen met vermelding van sy kwalifikasies en van die departement waarin hy wil studeer.

G.19. Behoudens sy algemene bevoegdheid om 'n applikant toe te laat of andersins, kan die Senaat vereis dat sy bekwaamheid ten opsigte van die onderwerp van sy voorgenome studierigting getoets word indien hy of—

- (a) die kwalifikasie waarop sy aansoek gegrond word, aan 'n ander universiteit of inrigting behaal het; of
- (b) 'n gegradueerde van die Universiteit is en nie die vak as 'n hoofvak in sy voorgaande leergang ingesluit het nie.

Duur van kursus.

G.20. Die honneurskursus strek oor minstens een akademiese jaar voltydse studie, maar indien deur die reëls in 'n besondere fakulteit toegelaat, kan 'n kandidaat, met verlof van die hoof van die betrokke departement, die kursus in twee dele, elk waarvan oor een akademiese jaar strek, bywoon en voltooi.

Byvake.

G.21. Die Senaat kan vereis dat 'n kandidaat gespesifiseerde byvake bo en behalwe die honneurskursus bywoon, en kan ook vereis dat hy sulke kursusse by eksamen voltooi alvorens hy hom vir enige gespesifiseerde gedeelte van die honneurseksamen aanmeld.

Toetse in vreemde tale.

G.22. Die Senaat kan vereis dat 'n kandidaat in 'n toets in 'n goedgekeurde moderne vreemde taal slaag.

Eksamen.

G.23. (1) Die honneurseksamen bestaan uit—

- (a) minstens vier en hoogstens ses vraestelle met inbegrip van mondelinge en praktiese vraestelle: Met dien verstande dat die aantal mondelinge vraestelle nie dié wat die reëls vir die graad bepaal mag oorskry nie;
- (b) die eksamen wat benodig word om die in paragraaf G.21 voorgeskrewe byvake indien enige, te voltooi; en
- (c) sodanige toets in 'n vreemde taal, indien enige, wat kragtens paragraaf G.22 vereis word.

(2) Die eksamen vind plaas—

- (a) in die geval van 'n honneurskursus wat as 'n geheel geneem word: na afloop van die kursus; of
 - (b) in die geval van 'n honneurskursus wat in twee dele geneem word: soos deur die Senaat bepaal, mits elke deel, sover doenlik, deur ongeveer die helfte van die vraestelle gedek word.
- (3) Om in die honneurseksamen te slaag, moet 'n kandidaat die volgende behaal:
- (a) 'n groot totaal van minstens 50% van die punte in al die vraestelle genoem in subparagraaf (1) (a);
 - (b) sodanige subminimum as wat die Senaat vir enige vraestel mag voorskryf; en
 - (c) die slaagpunt in elke ander eksamen of toets genoem in subparagraaf (1).

Hereksamen.

G.24. (1) Behalwe met vergunning van die Senaat mag 'n kandidaat hom nie meer as twee maal vir eksamen in dieselfde departement aanmeld nie.

(2) As 'n kandidaat in 'n eksamen of toets genoem in paragraaf 23(1)(b) of (c) druip, maar die standaard wat die Senaat vir die doel voorskryf, behaal, kan hy hom na afloop van sodanige tydperk as wat die Senaat vir die doel neerlê vir hereksamen daarin aanmeld.

Onderskeiding.

G.25. Die graad word met onderskeiding toegeken aan 'n kandidaat wat in die eksamen die standaard wat in die reëls vir die betrokke honneurs graad neergelê word, behaal.

D. ALGEMENE REËLS VIR MAGISTERGRADE*Toelating.*

- G.26. Niemand word as kandidaat vir 'n magistergraad toegelaat nie, tensy hy—
- (a) tot 'n honneurs-baccalaureusgraad van die Universiteit toegelaat is; of
 - (b) tot 'n nagraadse baccalaureusgraad van die Universiteit toegelaat is; of
 - (c) in besit is van 'n nagraadse diploma, soos voorgeskryf deur die reëls van enige fakulteit.
 - (d) 'n gegradueerde is van 'n ander universiteitsinrigting of van 'n universiteit buite die Republiek en tot die status van 'n houër van een van die in (a) of (b) hierbo bedoelde kwalifikasies toegelaat is; of
 - (e) aan 'n ander universiteitsinrigting of aan 'n universiteit buite die Republiek of aan 'n ander instelling wat deur die Senaat as gelykstaande met die Universiteit beskou word, geslaag het in eksamens wat na die oordeel van die Senaat gelykwaardig is met, of hoër is as 'n ander eksamens wat voorgeskryf word vir een van die in (a) of (b) hierbo bedoelde kwalifikasies.

G.27. Iemand wat as 'n kandidaat vir 'n magistergraad toegelaat wil word, moet skriftelik by die Registrateur aansoek doen met vermelding van sy kwalifikasies en, waar toepaslik, die titel van sy voorgenoemde verhandeling en 'n kort uiteensetting van sy navorsingsmetodes.

G.28. Behoudens sy algemene bevoegdheid om 'n applikant toe te laat of andersins, kan die Senaat vereis dat 'n applikant se bekwaamheid t.o.v. sy studierigting getoets word.

Minimum inskrywingstydperk.

G.29. 'n Kandidaat moet oor 'n tydperk van minstens een akademiese jaar, gevorderde studie of navorsing of albei onderneem onder toesig van 'n studieleier wat die Senaat benoem.

Vorderingsvereistes en voorsiening vir kanselliasie.

G.30. Die Senaat kan te eniger tyd die inskrywing van 'n kandidaat wat na sy mening nie bevredigende vordering met sy studies maak nie, kanselleer.

G.31. Indien 'n kandidaat sy studies nie binne 'n tydperk van vyf jaar sedert sy inskrywing voltooi nie, kan die Senaat weier om sy inskrywing te hernieu of kan hy dit hernieu onderhewig aan die voorwaardes wat hy na goëddunke mag neerlê.

Eksamen.

G.32. 'n Kandidaat moet òf—

- (a) 'n verhandeling oor 'n goedgekeurde onderwerp indien; òf
- (b) hom aanmeld vir 'n eksamen wat uit minstens twee skriftelike vraestelle bestaan; òf
- (c) 'n verhandeling indien en hom daarbenewens aanmeld vir 'n skriftelike of mondelinge eksamen soos deur die Senaat bepaal op aanbeveling van die betrokke Fakulteitsraad.

Hereksamen.

G.33. Behalwe met vergunning van die Senaat mag 'n kandidaat hom nie meer as twee maal vir eksamen aanmeld nie.

Verhandeling.

G.34. 'n Kandidaat wat die graad by 'n bepaalde gradeplegtigheid wil ontvang, moet die Registrateur nie later nie as twee weke voor die laaste Fakulteitsvergadering van die vorige jaar in kennis stel van sy voorneme om sy verhandeling in te dien, en moet dit nie later nie as 31 Desember van daardie jaar of, met spesiale toestemming van die departementshoof, nie later nie as 31 Januarie indien: Met dien verstande dat hierdie nie geld as 'n waarborg deur die Universiteit dat die verhandeling betyds vir die komende gradeplegtigheid geëksamineer sal word nie.

G.35. 'n Kandidaat mag nie 'n verhandeling indien nie, tensy dit vergesel word van 'n skriftelike verklaring deur sy studieleier waarin toestemming om die verhandeling in te dien, verleen word, Om so 'n verklaring uit te reik, verbind die studieleier hom nie om die toekenning van die graad aan te beveel nie.

G.36. Vir die doel van eksaminering dien 'n kandidaat drie eksemplare van sy verhandeling in. Nadat die verhandeling goedgekeur is, en voordat die graad toegeken word, dien hy nog sewe eksemplare in, tensy spesiale verlof om 'n kleiner aantal in te dien, verleen is.

G.37. (1) 'n Verhandeling moet in dubbelspasiëring getik en behoorlik ingebind wees, tansy vrystelling van hierdie vereiste verleen word.

(2) Die titelblad van 'n verhandeling moet soos volg daar uitsien:

1. (die volle titel van die verhandeling).....
2. deur (die volle naam van die kandidaat).....
3. ingedien ter vervulling/gedeeltelike vervulling van die vereistes vir die graad Magister.....in die Fakulteit.....van die Universiteit van Fort Hare.
4. datum van indiening.

G.38. (1) Geen verhandeling word aangeneem nie indien dit voorheen vir 'n graad aan 'n ander universiteit ingedien is, maar materiaal uit bestaande publikasies mag in die verhandeling ingesluit word mits die regmatige erkenning daarvoor gegee word.

(2) 'n Kandidaat moet saam met sy verhandeling 'n eksemplaar indien van elke verhandeling deur hom vir 'n ander graad aangebied, hetsy dit aanvaar is of nie.

G.39. 'n Verhandeling word nie goedgekeur nie tensy dit bewys lewer van die kandidaat se kennis van navorsingsmetodes en-tegnieke. Die taal moet suiwer wees en die tegniese afwerking bevredigend.

Onderskeiding.

G.40. 'n Magistergraad kan met onderskeiding toegeken word aan 'n kandidaat wat volgens die oordeel van die Senaat die vereiste standaard behaal het.

Publikasie.

G.41. Indien 'n gedeelte van die voorgelegde verhandeling op die datum van indiening nie tot bevrediging van die Universiteit gepubliseer word of is nie, het die Universiteit die reg om die werk in sy geheel of gedeeltelik vir navorsingsdoeleindes te reproduseer. Die Universiteit kan van hierdie reg afstand doen, mits die kandidaat bevredigende reëlings tref om die werk te publiseer.

E. ALGEMENE REËLS VIR DOKTORSGRADE

Toelating.

G.42. Behalwe waar die reëls in 'n besondere fakulteit dit anders vereis, sal 'n persoon nie as kandidaat vir 'n doktorsgraad toegelaat word tensy hy—

- (a) tot 'n magistergraad van die Universiteit toegelaat is; of
- (b) 'n gegraadueerde is van enige ander universiteitsinrigting of van 'n universiteit buite die Republiek en tot die status van magister aan die Universiteit toegelaat is; of
- (c) aan 'n ander universiteitsinrigting of aan 'n universiteit buite die Republiek, of aan 'n ander instelling wat deur die Senaat as gelykstaande met die Universiteit beskou word, geslaag het in eksamens wat na die oordeel van die Senaat gelykwaardig is met, of hoër is as, die eksamens wat voorgeskryf word vir die magistergraad van die Universiteit.

G.43. Iemand wat as 'n kandidaat vir 'n doktorsgraad toegelaat wil word, moet skriftelik by die Registrateur aansoek doen met vermelding van sy kwalifikasies, en in die geval van 'n aansoek, ingevolge klousule (a) van paragraaf G.45, die titel van sy voorge-
 nomme proefskrif en 'n kort uiteensetting van sy navorsingsmetodes.

G.44. Behoudens sy algemene bevoegdheid om 'n applikant toe te laat of andersins, kan die Senaat vereis dat 'n applikant se bekwaamheid ten opsigte van sy studierigting getoets word.

Wyse waarop 'n graad mag verkry word.

G.45. Die graad mag verkry word of—

- (a) deur middel van navorsing op 'n goedgekeurde onderwerp onder leiding van 'n promotor wat deur die Senaat benoem is; of
- (b) op grond van verdienstelike publikasies mits dit in die betrokke fakulteitsreëls bepaal word.

Voorstening vir kansellasië.

G.46. Die Senaat mag te eniger tyd die inskrywing van 'n kandidaat wat na sy mening nie bevredigende vordering met sy studies maak nie, kanselleer.

Eksamen.

G.47. (1) 'n Kandidaat wat ingevolge die bepalings van klousule (a) van paragraaf G.45, toelating verkry het, moet 'n proefskrif oor die goedgekeurde onderwerp indien en, indien die Fakulteitsreëls dit voorskryf of die eksamenkommissie dit verlang, 'n mondelinge eksamen aflê oor die onderwerp van die proefskrif of die betrokke vak as geheel.

(2) 'n Kandidaat, wat ingevolge die bepalings van klousule (b) van paragraaf G.45 toelating verkry het, moet sy publikasies vir eksamen voorlê in wêlke geval die vereistes vir die voorlegging van 'n proefskrif *mutatis mutandis* van toepassing is.

G.48. (1) Geen kandidaat mag 'n proefskrif indien nie tensy sy promotor die Senaat in kennis gestel het dat hy 'n bevredigende kennis van die vak as geheel besit.

(2) Die Senaat mag 'n program van studie voorskryf wat die kandidaat moet bywoon en by eksamen voltooi voordat hy sy proefskrif mag indien.

Hereksamen.

G.49. Behalwe met vergunning van die Senaat mag geen kandidaat hom meer as twee maal vir die eksamen aanmeld nie.

Proefskrif.

G.50. 'n Kandidaat wat die graad by 'n bepaalde gradeplegtigheid wil ontvang, moet die Registrateur nie later nie as twee weke voor die laaste Fakulteitsvergadering van die vorige jaar in kennis stel van sy voorneme om sy proefskrif in te dien, en moet dit nie later nie as 31 Desember van daardie jaar of, met spesiale toestemming van die departementshoof, nie later nie as 31 Januarie indien: Met dien verstande dat hierdie nie geld as 'n waarborg deur die Universiteit dat die proefskrif betyds vir die komende gradeplegtigheid geëksamineer sal word nie.

G.51. Vir die doel van eksaminering dien 'n kandidaat drie eksemplare van sy proefskrif in. Nadat die proefskrif goedgekeur is, en voordat die graad toegeken word, dien hy nog sewe eksemplare in, tensy spesiale verlof om 'n kleiner aantal in te dien, verleen is.

G.52. By voorlegging moet die proefskrif vergesel wees van 'n verklaring deur die kandidaat oor die mate waarin dit, in opset sowel as uitvoering, die kandidaat se eie werk is.

G.53. (1) 'n Proefskrif moet in dubbelspasiëring getik en behoorlik ingebind wees, tensy vrystelling van hierdie vereiste verleen word.

(2) Die titelblad van 'n proefskrif moet die volgende besonderhede bevat.

1. (die volle van die proefskrif).....
2. deur (die volle naam van die kandidaat)
3. voorgelê ter vervulling/gedeeltelike vervulling van die vereistes vir die graad Doktor van.....in die Fakulteit van.....van die Universiteit van Fort Hare.
4. Promotor..... *Together in Excellence*
5. Datum van indiening.....

G.54. (1) Geen proefskrif word aangeneem nie indien dit voorheen vir 'n graad aan 'n anderuniversiteit ingedien is, maar materiaal uit bestaande publikasies mag in die proefskrif ingesluit word, mits die regmatige erkenning daarvoor gegee word.

(2) 'n Kandidaat moet saam met sy proefskrif 'n eksemplaar indien van elke proefskrif of verhandeling voorheen deur hom vir t ander graad aangebied, hetsy dit aanvaar is of nie.

G.55. 'n Proefskrif word nie goedgekeur nie tensy dit bewys lewer van oorspronklike werk deur die kandidaat gedoen en 'n besliste bydrae tot die kennis van en insig in die vak is.

Publikasie.

G.56. Indien 'n gedeelte van die voorgelegde proefskrif op die datum van indiening nie tot bevrediging van die Universiteit gepubliseer word nie, het die Universiteit die reg om die werk in sy geheel of gedeeltelik vir navorsingsdoeleindes te reproduseer. Die Universiteit kan van hierdie reg afstand doen, mits die kandidaat bevredigende reëlings tref om die werk te publiseer.

F. ALGEMENE REËLS VIR DIPLOMAS EN SERTIFIKATE

G.57. Die algemene reëls vir alle grade en die reëls vir 'n baccalaureusgraad is *mutatis mutandis* van toepassing op alle diplomas en sertifikate deur die Universiteit toegeken: Met dien verstande dat reëls wat betrekking het op matrikulasie as 'n voorvereiste vir toelating, nie van toepassing is op diplomas en sertifikate wat nie matrikulasie vereis nie.

Fakulteit Teologie

Grade en Diplomas

- Th.1. (1) Die volgende grade word in die Fakulteit toegken:
 Baccalaureus Theologiae.....B.Theol.
 Honneurs-Baccalaureus Theologiae.....B.Theol. (Hons.)
 Magister Theologiae.....M. Theol.
 Doctor Theologiae.....D.Theol.
- (2) Die volgende voorgraadse diploma word in die Fakulteit toegeken:
 Diploma in Teologie.

Die fakulteitsreëls wat hierop volg moet tesame met die voorskrifte van die Wet, die regulasies en die algemene reëls gelees word.



Die Graad Baccalaureus Theologiae

Leergang

Th.2. (1) Die leergang strek oor drie of vier jaar voltydse studie en behels die volgende kursusse:

- (a) Ou en Nuwe Testament I, II en III (Verpligte hoofvak).
 (b) Sistematiese Teologie I, II en III (Tweede hoofvak).
 en

Kerkgeskiedenis en Sendingwetenskap I en II.

of

(c) Kerkgeskiedenis en Sendingwetenskap I, II en III
 (Tweede hoofvak)

en

Sistematiese Teologie I en II

- (d) Wysbegeerte van die Godsdienst en Vergelykende Godsdienst I
 (e) Grieks I B
 (f) Pastorale Teologie I
 (g) Hebreeus I

(2) Daarbenewens moet 'n student Grieks IA voltooi, tensy aan hom vrystelling daarvan verleen word deur die Hoof van die Departement Grieks.

Drie jaar leergang

Th.3. (1) Die volgende kursusse word vir die eerste studiejaar van die drie jaar leergang aanbeveel:

- (i) Ou en Nuwe Testament I
 (ii) Die eerste kursus van die tweede hoofvak.
 (iii) en (iv) Twee ander kursusse gekies uit die lys in subparagraaf Th.2(1).

(2) 'n Student sal nie tot enige van die voorgeskrewe kursusse vir die tweede studiejaar toegelaat word nie voordat hy minstens twee van die kursusse waarna in subparagraaf (1) verwys word, voltooi het.

Th.4. Die volgende kursusse word vir die tweede studiejaar van die drie jaar leergang aanbeveel:

- (i) Ou en Nuwe Testament II
- (ii) Die tweede kursus van die tweede hoofvak.
- (iii), (iv) en (v) Drie ander kursusse gekies uit die lys in subparagraaf Th.2.(1).

Th.5. Die volgende kursusse word vir die derde studiejaar van die drie jaar leergang aanbeveel:

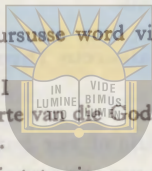
- (i) Ou en Nuwe Testament III
- (ii) Die derde kursus van die tweede hoofvak
- (iii) Die oorblywende vak wat nog nie uit die lys in Subparagraaf Th.2.(1) geneem is nie.

Vier jaar leergang

Th.6. (1) Die volgende kursusse word vir die eerste studiejaar van die vier jaar leergang aanbeveel:

- (i) Hebreeus I
- (ii) Wysbegerte van die Godsdiens en Vergelykende Godsdiens I
- (iii) Grieks IA.

(2) 'n Student sal nie tot enige van die voorgeskrewe kursusse vir die tweede studiejaar toegelaat word nie voordat hy minstens twee van die kursusse waarna in subparagraaf (1) verwys word voltooi het.



University of Fort Hare
Excellence

Th.7. Die volgende kursusse word vir die tweede studiejaar van die vier jaar leergang aanbeveel:

- (i) Ou en Nuwe Testament I
- (ii) Die eerste kursus van die tweede hoofvak.
- (iii) en (iv) Twee ander kursusse gekies uit die lys in subparagraaf Th.2.(1).

Th.8. Die volgende kursusse word vir die derde studiejaar van die vier jaar leergang aanbeveel:

- (i) Ou en Nuwe Testament II
- (ii) Die tweede kursus van die tweede hoofvak.
- (iii) Een ander kursus gekies uit die lys in subparagraaf Th.2.(1).

Th.9. Die volgende kursusse word vir die vierde studiejaar van die vier jaar leergang aanbeveel:

- (i) Ou en Nuwe Testament III
- (ii) Die derde kursus van die tweede hoofvak.
- (iii) Die oorblywende vak wat nog nie uit die lys in subparagraaf Th.2.(1) geneem is nie.

Th. 10.(1) Om 'n kursus te voltooi moet 'n student voldoen aan die vereistes soos nergelê in die algemene reëls vir die baccalaureusgraad en 'n subminimum van minstens 35% in elke vraestel behaal.

(2) Die jaarpunt en eksamenpunt sal in gelykstaande verhoudings gekombineer word.

Aanvullende eksamens

Th.11. 1. 'n Student in sy eerste studiejaar word toegelaat tot 'n aanvullende eksamen in 'n kursus waarin hy gedruip het, mits hy die volgende behaal het:

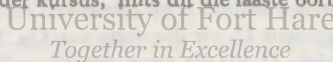
- (a) 'n jaarpunt van minstens 50%;
- (b) minstens 40% van die punte vir die eksamen;
- (c) die slaagsyfer in minstens twee ander kursusse tydens dieselfde eksamen.

2. 'n Student in sy tweede studiejaar word toegelaat tot 'n aanvullende eksamen in 'n kursus waarin hy gedruip het, mits hy die volgende behaal het:

- (a) 'n jaarpunt van minstens 50%;
- (b) 'n gemiddelde van minstens 45% vir die jaarpunt en die eksamen gesamentlik;
- (c) die slaagsyfer in minstens twee ander kursusse in dieselfde eksamen.

3. 'n Student in sy derde studiejaar word toegelaat tot 'n aanvullende eksamen in 'n kursus waarin hy gedruip het—

- (a) in die finale kursus van 'n hoofvak, mits hy die volgende behaal:—
 - (i) 'n jaarpunt van minstens 50%;
 - (ii) 'n gemiddelde van minstens 45% vir die jaarpunt en eksamen gesamentlik en ook die finale kursus van sy ander hoofvak voltooi het.
- (b) in een ander kursus, mits dit die laaste oorblywende vereiste vir sy graad is.



Onderskeiding

Th.12. 'n Student slaag met onderskeiding indien hy 'n eksamenpunt van minstens 75% in die derde kursus van die betrokke vak behaal.

Die Graad Honneurs Baccalaureus Theologiae

Toelating

Th.13. (1) 'n Persoon kwalifiseer nie as kandidaat vir die graad Baccalaureus Theologiae Honneurs nie tensy hy:

- (a) toegelaat is tot die B.Theol.-graad of die status van Baccalaureus Theologiae aan die Universiteit; of
- (b) toegelaat is tot die B.A.-graad aan die Universiteit met Bybelkunde en Sistematiese Teologie as hoof vakke; of
- (c) toegelaat is tot die status van Baccalaureus Artium aan die Universiteit op grond van sy besit van die graad Baccalaureus Artium van 'n ander universiteit met Bybelkunde en Sistematiese Teologie as hoofvakke; of
- (d) ingevolge paragraaf G.17 (c) van die algemene reëls vir die graad Honneurs-Baccalaureus Artium kwalifiseer.

(2) 'n Persoon in besit van sodanige B.A.-graad word nie as kandidaat vir die graad toegelaat nie tensy—

- (a) hy voldoen aan die taalvereistes vir die graad Baccalaureus Theologiae;
- (b) hy erkenning verkry het vir Kerkgeskiedenis en Sendingwetenskap I, Pastorale Teologie I en Wysbegeerte van die Godsdienst en Vergelykende Godsdienst I.

(c) hy 'n aanvullende toets in die voorvereistes vir die betrokke hoofrigting aflê, indien die betrokke departementshoof dit nodig ag.

Duur van kursus

Th.14. Die honneurskursus strek oor minstens twee akademiese jare voltydse studie.

Die honneurskursus

Th.15. (1) Die graad word in een van die volgende hoofrigtings toegeken:

- (i) Ou Testament.
- (ii) Nuwe Testament.
- (iii) Kerkgeskiedenis en Sendingwetenskap
- (iv) Sistematiese Teologie.

(2) Benewens die vak wat as hoofrigting vir honneurs gekies is, moet 'n kandidaat ook die volgende byvakke voltooi :

(a) Kursusse in—

- (i) Pastorale Teologie
- (ii) en (iii) die twee vakke in subparagraaf (1) wat nie vir honneurs as hoofrigting gekies is nie.

(b) die volgende vakke wat die Fakulteit 'Lettere en Wysbegeerte aanbied, tensy vrystelling daarvoor verleen is op grond van reeds voltooide kursusse:

- (i) Hebreeus II, vir die neem van Ou Testamentiese studie.
- (ii) Grieks II, vir die neem van Nuwe Testamentiese studie.

- (iii) Latyn spesiaal
of
Duits spesiaal
of
Hebreeus II
of
Grieks II

Vir die neem van Sistematiese Teologie.

- (iv) Latyn spesiaal
of
Duits spesiaal

Vir die neem van Kerkgeskiedenis en Sendingwetenskap.

(3) 'n Kandidaat in besit van die B.A.-graad met Bybelkunde en Sistematiese Teologie as hoofvakke, moet Kerkgeskiedenis en Sendingwetenskap II gedurende die eerste jaar van die honneurskursus neem.

Eksamen

Th.16. (1) Die eksamen bestaan uit:—

- (a) vyf of ses vraestelle van drie uur elk in die vak wat ingevolge paragraaf Th.15 (1) as hoofrigting vir honneurs gekies is;
- (b) een vraestel van drie uur in elk van die drie byvakke wat ingevolge paragraaf Th. 15 (2) voorgeskryf is.

(2) Hoogstens drie van die vraestelle mag met 'n mondelinge eksamen vervang word.

Th.17. Die Senaat mag vereis dat 'n student al die vraestelle in een eksamen aflê, of dat hy sommige vraestelle aan die einde van die eerste akademiese jaar en die res aan die einde van die tweede akademiese jaar aflê.

Onderskeiding

Th.18. Die graad word met onderskeiding toegeken aan 'n kandidaat wat 'n gemiddeld van 75% vir enige vyf vraestelle behaal het.

Die Graad Magister Theologiae

Vir besonderhede aangaande kwalifikasie vir inskrywing, duur van kursus en verhandeling, raadpleeg die Statuut en die algemene reëls vir die magistergraad.

Vakvereistes

Th.19. (1) Die graad kan toegeken word in die vak waarin die kandidaat sy honneursgraad afgelê het.

(2) Bykomend tot die vak wat die kandidaat gekies het, moet hy die volgende voltooi:

- (a) Vir Ou Testamentiese Studie: Hebreeus III of Aramees I of Ugarities I of Akkadies I of Moderne Hebreeus;
- (b) vir Nuwe Testamentiese Studie: Grieks III of Aramees I of Kopties I.
- (c) vir Sistematiese Teologie: Latyn I of Duits I of Grieks II;
- (d) vir Kerkgeskiedenis: Latyn I of Duits I of Latyn spesiaal en Grieks II of Duits spesiaal en Grieks II.
- (e) vir Sendingwetenskap: Duits spesiaal en 'n lees kennis van Nederlands.

Eksamen

Th.20. 'n Kandidaat moet 'n eksamen van vier geskrewe vraestelle van drie uur elk aflê en ook 'n verhandeling wat as vyfde vraestel gemerk sal word, voorlê.

Onderskeiding

Th.21. Die graad word met onderskeiding toegeken aan 'n kandidaat wat 'n gemiddeld van 75% vir sy eksamen en sy verhandeling behaal het.

Die Graad Doctor Theologiae

Raadpleeg die Statuut en algemene reëls vir die doktorsgraad.

Diploma in Teologie

Toelating

Th.22. 'n Persoon mag nie as student inskryf nie tensy:

- (a) hy in besit is van die Skooleindsertifikaat (nie laer nie as S2) van die Gesamentlike Matrikulasieraad of 'n sertifikaat wat die Senaat as gelykstaande daarvan erken, of
- (b) Die Senaat oortuig is dat hy op grond van sy volwassenheid bekwaam is om die kursus by te woon.

Duur van leergang.

Th.23. Die kursus strek oor drie of vier jaar voltydse studie.

Samestelling van leergang.

- Th.24. (1) Die leergang behels die volgende kursusse:
 Ou en Nuwe Testament I, II, III.
 Sistematiese Teologie I, II.
 Kerkgeskiedenis en Sendingwetenskap I, II.
 of Sistematiese Teologie III of
 Kerkgeskiedenis en Sendingwetenskap III.
 Wysbegeerte van die Godsdienst en Vergelykende Godsdienst I.
 Grieks I, of Hebreeus I, of Sosiale Antropologie I, of
 Sielkunde I, of Xhosa I.
- (2) 'n Student mag nie meer as vyf kursusse in enige akademiese jaar neem nie.



Vraestel 1: Taal.

- (a) Beginsels van die Hebreeuse grammatika (skrif, klankleer, aksente, naamvalle van die voornaamwoord, sterk selfstandige naamwoord, onreëlmatige selfstandige naamwoord, lidwoorde, telwoorde tot 100 en sterk werkwoorde met werkwoordelike byvoegsels)
- (b) Eenvoudige vertalings uit en in Hebreeus.

Vraestel 2: Agtergrond.

- (Studente, wat Bybelkunde I geslaag het, is vrygestel van vraestel 2).
- (a) 'n Oorsig van Bybelse Oudheidkunde.
- (b) Israëlitiese geskiedenis en die antieke Nabye Oosterse agtergrond daarvan vanaf die begin tot op die verwoesting van die Eerste Tempel.
- (c) Oorsig van Bybelse Aardrykskunde.

Kursus II

(Twee vraestelle)

Vraestel 1: Taal en teks.

- (a) Beginsels van die Hebreeuse grammatika (swak werkwoorde en selfstandige naamwoorde daarvan afgelei, vergelykings, lidwoorde) met vertalings uit en in Hebreeus.
- (b) Beginsels van Hebreeuse sinsleer, met toepaslike oefeninge.
- (c) Taalkundige studie van ses hoofstukke uit die historiese, ses hoofstukke uit die profetiese en ses hoofstukke uit die wysheidsliteratuur van die Ou Testament met oefeninge in teks kritiek.

Vraestel 2: Agtergrond.

- (Studente, wat Bybelkunde II geslaag het, is vrygestel van vraestel 2)
- (a) Die aard van die Hebreeuse taal en denke.
- (b) Die geskiedenis van die Jode vanaf die verwoesting van die Eerste Tempel tot die verwoesting van die Tweede Tempel.

Kursus III

(Twee vraestelle)

Vraestel 1: Taal.

(a) Kenmerke van die Hebreuse taalkunde en 'n inleiding tot die Semitiese taalwetenskap.

(b) 'n Studie van Qumran dokumente.

Vraestel 2: Aramees I of Ugarities I of Kopties I of Akkadies I of Moderne Hebreus.

(a) Inleidende grammatika en oorsig van die Letterkunde van een van bogenoemde tale.

(b) Vertaling van voorbereide en onvoorbereide tekste in Engels of Afrikaans.

(Kandidate wat een van bogenoemde bykomstige tale op 'n eenjarige basis neem, skryf slegs vraestel twee).

GRIEKS

Sien Fakulteit Lettere en Wysbegeerte

OU EN NUWE TESTAMENT

(Vir B.Theol.)

Kursus I

Vraestel 1: Ou Testament

(a) Algemene inleiding tot die bestudering van die Ou Testament (Teks en Kanon).

(b) Taak, geskiedenis en metode van Ou Testamentiese inleiding.

(c) Spesiale inleiding tot die Ou Testamentiese Letterkunde I (Pentateuch en vroeë profete).

Vraestel 2: Nuwe Testament

(a) Algemene Inleiding tot die bestudering van die Nuwe Testament (Teks en kanon in die algemeen).

(b) Die Nuwe Testamentiese boodskap in breë trekke.

(c) Spesiale inleiding tot die Nuwe Testamentiese literatuur, deel I (Evangelies en Handeling).

Kursus II

Vraestel 1 Ou Testament

(a) Die Profetiese beweging.

(b) Spesiale inleiding tot die Ou Testamentiese letterkunde II: Die profete voor eksiliese en na eksiliese.

(c) Inleiding tot die letterkundige vorms en tipes van die Ou Testament.

(d) Ou Testamentiese Teologie (Deel I).

Vraestel 2: Nuwe Testament

(a) Die Nuwe Testamentiese Apostel.

(b) Spesiale inleiding tot die Nuwe Testamentiese literatuur, deel II (Die Pauliniese Briewe).

(c) Inleiding tot die letterkundige vorms en tipes van die Nuwe Testament.

(d) Nuwe Testamentiese Teologie, deel I.

Kursus III**Vraestel 1: Ou Testament**

- (a) Tydperk na die Ballingskap: Gees, Apokaliptiek.
- (b) Inleiding tot die Ou Testamentiese letterkunde III.
- (c) Ou Testamentiese teologie (Deel II).
- (d) Die Geskiedenis van die Godsdien van Israel.

Vraestel 2: Nuwe Testament

- (a) Paulus en sy onlangse interpreteerders.
- (b) Inleiding tot die Nuwe Testamentiese literatuur, deel III, (Hebreërs tot Openbaring).
- (c) Nuwe Testamentiese Teologie, deel II.
- (d) Inleiding tot die Nuwe Testamentiese Etiek.

Vraestel 3: Skrifverklaring**Afdeling A: Ou Testament**

- (a) Beginsels van die Ou Testamentiese Hermeneutiek.
- (b) Voorbeelde van die beginsels van tekskritiek geneem uit Biblia Hebraica.
- (c) Oefeninge in die verklaring van die Ou Testament met die Hebreeuse Teks as grondslag.

Afdeling B: Nuwe Testament

- (a) Die beginsels van Nuwe Testamentiese hermeneutiek.
- (b) Die Beginsels van Nuwe Testamentiese tekskritiek.
- (c) Oefeninge in die verklaring van die Nuwe Testament met die Griekse teks as grondslag.



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SISTEMATIESE TEOLOGIE**Kursus I****Inleiding**

1. Algemene inleiding tot die studie van Sistematiese Teologie.
 - (a) Teologie: toepaslikheid, posisie, noodsaaklikheid en taak, bronne, aard, en norm. Die teoloog se benadering tot die teologiese taak.
 - (b) Teologie: Verhouding tot wysbegeerte, wetenskap, geskiedenis, taal.
2. Inleiding tot die basiese Christelike leer, volgens die model van die Apostoliese Geloofsbelijdenis.
3. Inleiding tot die Christelike etiek.

Die Leer van die Openbaring

Die begrip openbaring; openbaring as die Woord van God; algemene openbaring; kennis en sekerheid; die Heilige Skrif.

Kursus II**Vraestel 1****Die leer van God.**

1. Die Triniteitsleer.
2. Die werklikheid en Volkomenheid van die lewende God. Kennis van God.
3. Die grondslag van die teologiese etiek: die gebod en die aanspraak van God.

Vraestel 2

Skeppingsleer

1. God en die skepping; die goddelike voorsienigheid en heerskappy.
2. Die Christelike begrip van die mens.
3. Die etiek van menslike verhoudings; genade en vryheid in die etiek.

Kursus III

Vraestel 1

Soteriologie

1. Die Persoon en Werk van Jesus Christus: die Vleeswording, en die versoeningsleer.
2. Die Christelike begrip van die mens as sondaar.
3. Uitverkiesing en predestinasie: die genade en soewereiniteit van God.

Vraestel 2

Pneumatologie en Ekklesiologie

1. Die Persoon en Werk van die Heilige Gees: geloof en wedergeboorte.
2. Die nuwe lewe in Christus: heiligmaking en dissipelskap.
3. Die Christelike samelewing: die wese en aard, aanbidding, bediening, en sending van die Kerk.



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Vraestel 3

Eskatologie

1. Die eskatologiese perspektief en Christelike hoop: verskillende verklarings.
2. Die koningryk van God as die sin en doel van die geskiedenis: kosmiese en individuele bestemmings.
3. Die wederkoms van Christus en die laaste dinge.

KERKGESKIEDENIS EN SENDINGWETENSAP

Kursus I

Die eerste ses eeue: die uitbreiding van die kerk, belangrikste kerkvaders, teologiese ontwikkeling, Konsilies en belydenisskrifte.

Kursus II

Vraestel 1

Middeleeuse Kerkgeskiedenis.

Vraestel 2

Die Tydperk van die Hervorming (1517-1648): Belangrike hervormers, die hervorming in Duitsland, Switserland en Engeland, die teologie van die hervormers, die Teen Hervorming, kerklike belydenisskrifte uit die tydperk.

Kursus III**Vraestel 1**

Die tydperk 1648-1914: Belangrike teologiese strominge, die groot sending eeu.

Vraestel 2

- (a) Die Kerkgeskiedenis van Afrika met besondere verwysing na Suid-Afrika.
- (b) Inleiding tot die Missiologie.

Vraestel 3

- (a) Die Kerk en Kerkgeskiedenis.
- (b) Moderne Kerkgeskiedenis.
- (c) Die Ekumeniese beweging.

PASTORALE TEOLOGIE

(Een vraestel)

- (A) Grondslag en doelstelling by die beoefening deur die Nuwe-Testamentiese Kerk van: Homiletiek, Kategetiek, Liturgiek, Poimeniek, Kubernetiek en Diakoniek.
- (B) Die strewe om die bevindings van die bogenoemde ondersoek (A.) van toepassing te maak op die omstandighede van die jong Kerke in Afrika.

VERGELYKENDE GODSDIENS EN WYSBEGEERTE VAN DIE GODSDIENS

University of Fort Hare
Kursus I
Together in Excellence
 (Een Vraestel)

Afdeling. A.**Vergelykende Godsdien.**

1. Inleiding tot die geskiedenis en grondbeginsels van Animisme, die tradisionele godsdienste van Afrika, Islam, Hindoeïsme, Boeddhisme, Judaïsme, Shintoïsme, Konfusianisme.

2. Die Christendom en Vergelykende Godsdien.

Afdeling. B.**Wysbegeerte van die Godsdien.**

Inleiding tot sommige basiese probleme in die wysbegeerte van die Godsdien:

Die begrip godsdien; godsdienstige kennis, skeptisisme en agnostisisme; metafisiese sisteme; die idee van God (insluitend die tradisionele argumente vir die bestaan van God); God en die Wêreld (insluitend die idee van voorsienigheid); vrywil en determinisme; godsdien en etiek; onsterflikheid.

HONS. B.THEOL.**I: LEERPLAN VIR HONS. B.THEOL. MET HOOFRIGTING OU TESTAMENT****Vraestel 1**

(a) 'n Oorsig van Oudheidkunde en geskiedenis van die Ou Nabye Ooste, belangrik vir die lewe en instellings van Ou Israel.

(b) 'n Studie van die tussen-Testamentiese tydperk en sy kulturele, letterkundige en ideologiese agtergrond.

(c) Voorbeelde van die beginsels van tekskritiek geneem uit die Biblia Hebraica

Vraestel 2

Eksegetiese studie (insluitend grammaties-historiese en teologiese gegewens) van ongeveer 15 voorgeskrewe hoofstukke uit verskillende dele van die Ou Testament (met gebruikmaking van die Hebreeuse teks).

Vraestel 3

'n Geskiedkundige en kritiese bestudering van die toonaangewende skole van die Ou-Testamentiese verklaring.

Vraestel 4

Teologie van die Ou Testament met besondere verwysing na God, die mens, die offerstelsel, die Messiaanse Hoop.

Vraestel 5

Ou Testament—Nuwe Testament Tussenverhouding:

(a) die belangrikheid van die Ou Testament vir die verstaan van die Christus gebeure in die Nuwe Testament.

(b) die verskille tussen die opvattinge van die Ou-Testamentiese Kanon in die Sinagoge en die Kerk.

(c) Die aard van Paulus se teologiese kritiek op die Ou Testament.

Vraestel 6

(a) Eksegetiese studie (insluitend grammaties-historiese en teologiese gegewens) van ongeveer ses voorgeskrewe hoofstukke uit verskillende dele van die Nuwe Testament (met gebruikmaking van die Griekse teks).

(b) Die eenheid en die verskeidenheid van die openbaring van God in die Nuwe Testament.

**II: LEERPLAN VIR HONS. B.THEOL.
MET HOOFRIGTING NUWE TESTAMENT**

Vraestel 1

(a) Kultuurhistoriese en religieuse agtergrond van die Nuwe Testamentiese tyd.

(b) Oorsig van die tussen-Testamentiese tydvak.

(c) Voorbeelde van die beginsels van tekskritiek geneem uit die Griekse Nuwe Testament.

Vraestel 2

Eksegetiese studie (insluitend grammaties-historiese en teologiese gegewens) van ongeveer 20 voorgeskrewe hoofstukke uit verskillende dele van die Nuwe Testament (met gebruikmaking van Griekse teks).

Vraestel 3

'n Geskiedkundige en kritiese bestudering van die toonaangewende skole van Nuwe-Testamentiese verklaring.

Vraestel 4

Die eenheid en die verskeidenheid van die openbaring van God in die Nuwe Testament.

Vraestel 5

(a) Die verwantskap tussen die Nuwe en die Ou Testament.

(b) Die konsep van 'n Nuwe-Testamentiese Kanon.

(c) Die Ou Testament en die Messiaanse bewussyn van Jesus.

Vraestel 6

(a) Eksegetiese studie (insluitende grammaties-histories en teologiese gegewens) van ongeveer 6 voorgeskrewe hoofstukke uit verskillende dele van die Ou Testament (met gebruikmaking van die Hebreuse teks).

(b) Teologie van die Ou Testament met besondere verwysing na God, die mens, die offerstelsel, die Messiaanse Hoop.

**III: LEERPLAN VIR HONS. B.THEOL.
MET HOOFFRIGTING SISTEMATIESE TEOLOGIE**

Vraestel 1

(a) Die aard en metode van die dogmatiek met inagneming van hedendaagse probleme en die problematiek van teologiese stelling in Afrika.

(b) 'n Oorsig van die ontwikkeling van die teologie vanaf die 18e eeu tot die 20e eeu met kennisname van die werke van bv. Rousseau, Kant, Hegel en die Hegeliaanse skool, Schleiermacher, Ritschl, Coleridge, Maurice, Newman, Feuerbach, Kierkegaard en Troeltsch.

Vraestel 2

(a) Die moontlikheid, aard, en geskiedenis van die Christelike apologetiek.

(b) Kommunikering van die Evangelie vandag met inagneming van die moderne wetenskap, filosofieë, sosiale bewegings, en bestaande wêreld godsdienste, met veral besondere klem op Afrika. *Together in Excellence*

Vraestel 3

Die Christelike etiek. 'n Oorsig van die etiese sisteme, Christelik en nie-Christelik. Moderne opvattinge van die mens met uitvloeiende etiese teorieë. Probleme in die verhoudinge tussen die teologie, die geloof, en die etiek. Etiese besinning in die moderne gemeenskap: die internasionale veld, die nasionale, nywerheids, en ekonomiese sferes, asook die gesins en persoonlike problematiek.

Vraestel 4

'n Diepte studie van 'n afsonderlike Christelike leer. (In plaas van 'n geskrewe eksamen mag 'n seminaar van ongeveer 10 000 woorde ingedien word.)

Vraestel 5

'n Studie van of twee teoloë of twee kern teologiese vrae teen hul agtergrond uit die vroeë, middeleeuse, of Reformatoriese tydperke.

Vraestel 6

'n Kritiese studie van een of twee onlangse of huidige teoloë of teologiese groeperings.

Let wel: In die bestudering van bogenoemde sal deurgaans aandag gegee word aan: die Bybelse fundering, die algemeen Christelike belydenisse, en die latere denominasionele geloofsbellydenisse waar hul van toepassing is, asook die gebruik van oorspronklike bronne waar nodig.

IV: LEERPLAN VIR HONS. B.THEOL.

MET HOOFFRIGTING KERKGESKIEDENIS EN SENDINGWETENSKAP

Vraestel 1

- (a) Die ontwikkeling en metodes van Kerklike geskiedskrywing.
- (b) Bestudering van 'n belangrike tydvak van leerstellige ontwikkeling.

Vraestel 2

'n Spesiale studie in Kerkgeskiedenis en die geskiedenis van Leerstellinge vanuit die oorspronklike bronne wat deur een van die volgende tydvakke behandel word:

- (a) die vroeë tydvak tot op Gregorius I
of
- (b) die Middeleeue
of
- (c) die Hervorming of die Teen-Hervorming
of
- (d) Na-Hervormings tydvak.

Vraestel 3

Die Geskiedenis van die Sending: Een van die volgende onderwerpe:

- (a) Kerstening van die Germaanse stamme
of
- (b) Sendingondernemings in die Middeleeue
of
- (c) Kerstening van Afrika suid van die Sahara
of
- (d) Wêreldsending van die Kerk in die 20ste eeu.

Vraestel 4

Bestudering van die lewe en die werk van:

- (a) 'n Kerkvader.
- (b) Een van die Hervormers.

Vraestel 5

n Bestudering van die volgende Konsilies:

- (a) Trente
- (b) Eerste en Tweede Vatikaanse Konsilie.

Vraestel 6

Teorie van die Sending :

1. Die Christelike boodskap in 'n nie-Christelike wêreld.
2. Sending en Kerk.
3. Sending en die „Oikumene”.

V: HONS.B.THEOL. LEERPLAN VIR PASTORALE TEOLOGIE (BYVAK)

(Een vraestel)

- (a) Geskiedenis en betekenis van die vak Pastorale Teologie.
- (b) Pastorale Sielkunde met besondere verwysing na die jong kerke in Afrika.

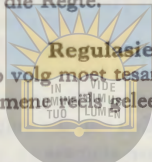
Fakulteit Regsgeleerdheid

Grade en Sertifikate in Regsgeleerdheid

L1. Die volgende grade word uitgereik:

- (1) Baccalaureus Juris.....B.Jur.
- (2) Baccalaureus ProcurationisB.Proc.
- (3) Baccalaureus Legum.....LL.B.
- (4) Magister LegumLL.M.
- (5) Doctor LegumLL.D.

L2. Die volgende voorgraadse sertifikaat word verleen:
Staatsdienssertifikaat in die Regte.



Die fakulteitsreëls wat hierop volg moet tesame met die voorskrifte van die Wet, die Statuut, die regulasies en die algemene reëls gelees word.

Vrystelling

L3. 'n Student kan op grond van voorafgaande studie vrystel word van nie meer as helfte van die kursusse vir enige bepaalde grade of sertifikaat voorgeskryf: Met dien verstande, egter, dat kandidate wat in besit is van 'n B.Jur. of B.Proc.-graadsertifikaat vir toelating tot die LL.B.-graad, geregtig sal wees vir vrystelling van al die kursusse wat vir die LL.B.-graad voorgeskryf is wat alreeds geslaag is ten opsigte van enige van die B.Jur. of B.Proc.-grade.

Nie-grad en nie-sertifikaat doeleindes

L4. Behalwe met vergunning van die Senaat, mag slegs een kursus vir nie-grad en nie-sertifikaat doeleindes in enige studiejaar geneem word: Met dien verstande dat nie meer as twee bykomende kursusse (ingeslote kursusse wat herhaal word) tot die voorgeskrewe kursusse in enige studie-jaar geneem mag word nie.

Volgorde van kursusse

L5. Op aanbeveling van die Fakulteit, en met die goedkeuring van die Senaat, mag 'n student 'n ander as die in L11, L15, L20, L21, L22, en L30 voorgeskrewe volgorde van kursusse kies.

Toelating tot eksamens

L6. 'n Student word nie tot die eksamen in enige kursus toegelaat nie tensy hy 'n jaarsyfer van minstens 40% behaal het.

Slaagsyfer

L7. Ten einde in enige kursus te slaag, moet 'n kandidaat minstens 40% in die eksamen behaal, en, bykomend daartoe, 'n gemiddeld vir die jaarsyfer en die eksamen van minstens 50%, en vir hierdie doeleindes dra die jaarsyfer en die eksamensyfer gelyke gewig.

Onderskeiding

L8. 'n Kursus word met onderskeiding geslaag indien 'n kandidaat 'n slaagsyfer van minstens 75% behaal.

Aanvullende eksamens

L9. (1) 'n Student sal toegelaat word tot 'n aanvullende eksamen in 'n kursus wat hy gedruip het indien hy die volgende behaal het:

- (a) 'n gemiddelde van minstens 45% vir sy jaarpunt en eksamenpunt, minstens 50% vir of sy jaarpunt of eksamenpunt en minstens 40% vir sy eksamenpunt; en
- (b) 'n slaagsyfer in minstens twee ander kursusse tydens dieselfde eksamen.

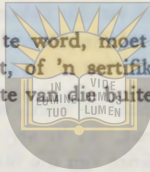
(2) Die bogenoemde vereistes mag ter syde gestel word mits die betrokke kursus die laaste uitstaande vereiste vir sy graad is en die student 'n eksamen in die betrokke vak afgelê het.

Baccalaureus Juris*Toelating tot studie*

L.10. Om tot die studie toegelaat te word, moet 'n student 'n Matrikulasië- of 'n Matrikulasiëvrystellingsertifikaat besit, of 'n sertifikaat van voorwaardelike vrystelling van matrikulasië uitgereik aan studente van die buiteland.

Leergang

L11. Die Kursusse is soos volg:



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Together in Excellence

Eerste jaar

- (i) Privaatreg I.
- (ii) Bantoereg.
- (iii) Juridiese Uitleg.
- (iv) Staatsleer I of Ontwikkelingsbeleid en -Administrasie I of Latyn (Spesiale kursus) of Latyn I.

Tweede jaar

- (i) Privaatreg II.
- (ii) Staats- en Administratiefreg.
- (iii) Handelsreg I.
- (iv) Straffreg.
- (v) Romeinse Reg.

Derde jaar

- (i) Privaatreg III.
- (ii) Handelsreg II.
- (iii) Bewysreg.
- (iv) Strafprosesreg.
- (v) Siviele Prosesreg.

Aflê van leergang

L12. (1) Om tot die tweede jaar van die leergang toegelaat te kan word, moet 'n student minstens drie kursusse van die eerste jaar voltooi het: Met dien verstande dat indien nie meer as twee kursusse van die eerste jaar onvoltooid is nie, een kursus van die tweede jaar tesame met die onvoltooid eerstejaarskursusse geneem mag word. Om tot die derde jaar toegelaat te kan word, moet 'n student al die kursusse van die eerste jaar en minstens drie kursusse van die tweede jaar voltooi het: Met dien verstande dat indien

nie meer as drie kursusse van die tweede jaar onvoltooid is nie, een kursus van die derde jaar tesame met die onvoltooide kursusse geneem mag word.

(2) 'n Student verkry erkenning vir afsonderlike kursusse waarin hy geslaag het, maar in die derde jaar slegs indien hy minstens twee kursusse van die betrokke jaar gelyktydig geslaag het.

Slaag met lof

L13. Om die graad met lof te behaal moet 'n kandidaat in al die kursusse van die finale jaar gelyktydig slaag, drie waarvan met onderskeiding, en 'n gemiddelde van 70% behaal.

Baccalaureus Procurationis

Studente se aandag word daarop gevestig dat hulle nie as prokureurs toegelaat sal word tensy hulle die vereiste Matrikulasiëksamen in Engels geslaag het nie.

Dit is 'n vereiste van die Raad vir die Erkenning van Regseksamens dat 'n goed-gekeurde leergang minstens een tweede kursus in 'n nie-regsvak moet insluit.

Toelating tot studie

L14. Om tot die studie toegelaat te word, moet 'n student 'n Matrikulasië- of 'n Matrikulasiëvrystellingsertifikaat besit, of 'n sertifikaat van voorwaardelike vrystelling van matrikulasië uitgereik aan studente van die buiteland.

Leergang

L15. Die kursusse is soos volg:

Eerste jaar

- (i) Privaatreg I.
- (ii) Bantoereg.
- (iii) Juridiese Uitleg.
- (iv) Staatsleer I of Ontwikkelingsbeleid en -Administrasie I.

Tweede jaar

- (i) Privaatreg II
- (ii) Staats- en Administratiefreg.
- (iii) Afrikaans-Nederlands I of Afrikaans (Spesiale Kursus)
- (iv) Ontwikkelingsbeleid en -Administrasie II, of Staatsleer II.

Derde jaar

- (i) Latyn (spesiale kursus), of Latyn I
- (ii) Rekeningkunde vir Prokureurs
- (iii) Handelsreg I.
- (iv) Strafreg.
- (v) Romeinse Reg.

Vierde jaar

- (i) Privaatreg III.
- (ii) Handelsreg II.
- (iii) Bewysreg.
- (iv) Strafprosesreg.
- (v) Siviele Proëse reg.



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Aflê van leergang.

L16. (1) Om tot die tweede jaar van die leergang toegelaat te kan word, moet 'n student minstens drie kursusse van die eerste jaar voltooi het: Met dien verstande dat indien nie meer as twee kursusse van die eerste jaar onvoltooid is nie, een kursus van die tweede jaar tesame met die onvoltooide eerstejaarskursusse geneem mag word. Om tot die derde jaar toegelaat te kan word, moet 'n student al die kursusse van die eerste jaar en minstens drie kursusse van die tweede jaar voltooi het: Met dien verstande dat indien nie meer as twee kursusse van die tweede jaar onvoltooid is nie, een kursus van die derde jaar tesame met die onvoltooide kursusse geneem mag word. Om tot die vierde jaar toegelaat te kan word, moet 'n student al die kursusse van die eerste en tweede jaar en minstens drie kursusse van die derde jaar voltooi het: Met dien verstande dat indien nie meer as drie kursusse van die derde jaar onvoltooid is nie, een kursus van die vierde jaar tesame met die onvoltooide kursusse geneem mag word.

(2) 'n Student verkry erkenning vir afsonderlike kursusse waarin hy geslaag het, maar in die vierde jaar slegs indien hy minstens twee kursusse van die betrokke jaar gelyktydig geslaag het.

(3) 'n Student sal nie krediet vir Romeinse Reg ontvang nie, alvorens hy die Matrikulasië-eksamen in Latyn of 'n kursus wat deur die Gemeenskaplike Matrikulasië-raad as gelykstaande aan die matrikulasië-eksamen in Latyn beskou word, geslaag het nie. (nl. Latyn Spesiaal)

(4) 'n Student mag, onderhewing aan goedkeuring van die Senaat op aanbeveling van die Fakulteitsraad, erkenning verkry vir nie-regskursusse wat nie vir die graad voorgeskryf is nie.

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Slaag met lof

L17. Om die graad met lof te behaal moet 'n kandidaat al die kursusse van die finale jaar gelyktydig slaag, drie waarvan met onderskeiding, en 'n gemiddelde van 70% behaal.

Baccalaureus Legum*Toelating tot studie*

L18. Om tot die studie toegelaat te kan word moet 'n student 'n Baccalaureus-grad besit.

Algemene Leergang

- L19. (i) Privaatreg I.
 (ii) Privaatreg II.
 (iii) Privaatreg III.
 (iv) Romeinse Reg.
 (v) Staats- en Administratiefreg.
 (vi) Handelsreg I.
 (vii) Juridiese Uitleg.
 (viii) Strafrege.
 (ix) Bantoereg.
 (x) Handelsreg II.
 (xi) Bewysreg.
 (xii) Strafprosesreg.
 (xiii) Siviele Prosesreg.

- (xiv) Internasionale Privaatreg.
- (xv) Gevorderde Privaatreg A.
- (xvi) Sosiale en Ekonomiese Wetgewing.
- (xvii) Volkereg.
- (xviii) Gevorderde Staats- en Administratiefreg.
- (xix) Gevorderde Straf-en Prosesreg.
- (xx) Gevorderde Privaatreg B (een semester*)
- (xxi) Vergelykende Bantoereg.
- (xxii) Regsfilosofie.
- (xxiii) Engels I of Praktiese Engels.
- (xxiv) Afrikaans-Nederlands I of Afrikaans (Spesiale kursus)
- (xxv) Skripsie van beperkte omvang. Latyn I.

Skripsie

'n Student moet voor die einde van die eerste semester in sy voorlaaste studiejaar 'n onderwerp in oorleg met die Dekaan kies. Hy moet 'n konsep van die skripsie by sy promotor indien teen die begin van die eerste semester van sy finale studiejaar. Die voltooide skripsie moet ingedien word teen die begin van die volgende semester.

Leergang volgende op Baccalaureus Juris

L20. (1) Die kursusse is soos volg:

Eerste jaar (vierde studiejaar)

- (i) Gevorderde Privaatreg A.
- (ii) Sosiale en Ekonomiese Wetgewing.
- (iii) Volkereg.
- (iv) en (v) Twee van Engels I (of Praktiese Engels), Afrikaans-Nederlands I (of Afrikaans Spesiale kursus), of Latyn I.
- (vi) Vergelykende Bantoereg.
- (vii) Internasionale Privaatreg.

Tweede jaar (vyfde studiejaar)

- (i) Gevorderde Staats- en Administratiefreg.
- (ii) Gevorderde Straf- en Prosesreg.
- (iii) Gevorderde Privaatreg B (een semester*)
- (iv) Regsfilosofie.
- (v) Welke van Engels I (of Praktiese Engels), Afrikaans-Nederlands I (of Afrikaans Spesiale kursus), of Latyn I nog nie geslaag is nie.
- (vi) Skripsie van beperkte omvang.

(2) Om tot die tweede jaar van die leergang toegelaat te kan word, moet 'n student minstens drie volle kursusse van die eerste jaar voltooi het; met dien verstande dat indien drie volle kursusse van die eerste jaar onvoltooid is, een kursus van die tweede jaar tesame met die onvoltooide eerstejaarskursusse geneem mag word.

*Die eksamen in hierdie kursus sal aan die einde van die eerste semester afgeneem word

(3) 'n Student verkry erkenning vir afsonderlike kursusse waarin hy geslaag het, maar in die tweede jaar slegs indien hy gelyktydig in minstens vier kursusse van die betrokke jaar geslaag het (waarvan die skripsie een mag wees).

Leergang volgende op Baccalaureus Procurationis

L21. (1) Die kursusse is soos volg:

Eerste jaar (vyfde studiejaar)

- (i) Gevorderde Privaatreg A.
- (ii) Sosiale en Ekonomiese Wetgewing.
- (iii) Volkereg.
- (iv) Engels I (of Praktiese Engels).
- (v) Latyn I.
- (vi) Internasionale Privaatreg.

Tweede jaar (sesde studiejaar)

- (i) Gevorderde Staats- en Administratiefreg.
- (ii) Gevorderde Straf- en Prosesreg.
- (iii) Gevorderde Privaatreg (een semester*)
- (iv) Regsfilosofie.
- (v) Vergelykende Bantoereg.
- (vi) Skripsie van beperkte omvang.

(2) Soos in L20. (2).

(3) Soos in L20. (3).

Leergang volgende op Baccalaureus Artium (met agt krediete)

L22. (1) Die kursusse is soos volg:

Eerste jaar (vierde studiejaar)

- (i) Juridiese Uitleg.
- (ii) Internasionale Privaatreg
- (iii) Straffreg.
- (iv) Bewysreg.
- (v) Handelsreg I.
- (vi) Welke van Engels I (of Praktiese Engels), Afrikaans-Nederlands I (of Afrikaans Spesiale Kursus), Latyn I, of Staats- en Administratiefreg nog nie geslaag is nie.

Tweede jaar (vyfde studiejaar)

- (i) Gevorderde Privaatreg A.
- (ii) Handelsreg II.
- (iii) Straffprosesreg.
- (iv) Siviele Prosesreg.
- (v) Sosiale en Ekonomiese Wetgewing.
- (vi) Volkereg.

*Die eksamen in hierdie kursus sal aan die einde van die eerste semester afgeneem word.

Derde jaar (sesde studiejaar)

- (i) Gevorderde Staats- en Administratiefreg.
- (ii) Gevorderde Straf- en Prosesreg.
- (iii) Gevorderde Privaatreg B (een semester*).
- (iv) Regsfilosofie.
- (v) Vergelykende Bantoereg.
- (vi) Skripsie van beperkte omvang.

(2) Soos in L12. (1).

(3) 'n Student verkry erkenning vir afsonderlike kursusse waarin hy geslaag het maar in die derde jaar slegs indien hy in minstens vier kursusse van die betrokke jaar gelyktydig geslaag het (waarvan die skripsie een mag wees).

Slaag met lof

L23. Om die graad met lof te verwerf moet 'n kandidaat 'n gemiddelde van 70% vir al die regs kursusse behaal het en ~~daarbenewens~~ 'n onderskeidingspunt in vyf van die finale jaarkursusse behaal (waarvan die skripsie een mag wees).



Toelating tot studie

L24. Die graad word nie toegeken nie voordat ten minste een jaar verloop het sedert verwerwing van die Baccalaureus Legum of gelykwaardige graad.

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Vereistes

L25. (1) 'n Verhandeling oor 'n goedgekeurde onderwerp.

(2) 'n Mondelinge eksamen oor die bepaalde gebied van die verhandeling voordat die verhandeling vir beoordeling ingedien word.

(3) Die Algemene Reglemente betreffende Magistersgrade is *mutatis mutandis* van toepassing.

Slaag met lof

L26. Die graad mag met lof verwerf word.

Doctor Legum

Toelating tot studie

L27. Die graad word nie toegeken nie voordat ten minste drie jaar verloop het sedert verwerwing van die Baccalaureus Legum of gelykwaardige graad.

Vereistes :

L28. (1) (i) 'n Proefskrif oor 'n goedgekeurde onderwerp.

(ii) 'n Mondelinge eksamen oor die bepaalde vakgebied van die proefskrif voordat die proefskrif vir beoordeling ingedien word.

(iii) Die Algemene Reglemente betreffende Doktorsgrade is *mutatis mutandis* van toepassing.

(2) Die graad Doctor Legum mag ook op grond van verdienstelike gepubliseerde werk toegeken word.

*Die eksamen in hierdie kursus sal aan die einde van die eerste semester afgeneem word.

Staatsdienssertifikaat in die Regte

Toelating tot studie

L29. Om te kwalifiseer vir toelating tot die Staatsdienssertifikaat in die Regte moet 'n kandidaat in besit wees van 'n matrikulasië sertifikaat van die Gemeenskaplike Matrikulasieraad of 'n sertifikaat van volle of voorwaardelike vrystelling van genoemde Raad, of 'n skoolverlatingsertifikaat.

Leergang

L30. Die kursusse is soos volg:

Eerste jaar

- (i) Privaatreg I.
- (ii) Bantoreg.
- (iii) Juridiese Uitleg.
- (iv) Ontwikkelingsbeleid en -Administrasie I.

Tweede jaar

- (i) Privaatreg II.
- (ii) Staats-en Administratiewetreg.
- (iii) Handelsreg I.
- (iv) Romeinse Reg.
- (v) Strafwet.



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Derde jaar

- (i) Privaatreg III.
- (ii) Bewyswet.
- (iii) Strafwet.
- (iv) Siviele Proseswet.

Afsluiting van leergang

L31. (1) Om tot die tweede jaar van die leergang toegelaat te kan word, moet 'n student minstens drie kursusse van die eerste jaar voltooi het: Met dien verstande dat indien nie meer as twee kursusse van die eerste jaar onvoltooid is nie, een kursus van die tweede jaar tesame met die onvoltooid eerstejaarskursusse geneem mag word. Om tot die derde jaar toegelaat te kan word, moet 'n student al die kursusse van die eerste jaar en minstens drie kursusse van die tweede jaar voltooi het: Met dien verstande dat indien nie meer as drie kursusse van die tweede jaar onvoltooid is nie, een kursus van die derde jaar tesame met die onvoltooid kursusse geneem mag word.

(2) Soos in L12. (2).

Slaag met lof

L32. Soos in L13.

L33. Die reëls, wat die voltooiing van leergange rakende grade en sertifikate beheer, mag in sekere omstandighede waar oorgangsprobleme opduik, deur die Senaat op aanbeveling van die Fakulteit verslap word.

LEERPLANNE

DEPARTEMENT PRIVAATREG

A. *Privaatreg (Suid-Afrikaanse Romeins-Hollandse reg.)*

Kursus I (Persone- en Familiereg)

(Twee vraestelle)

1. (a) Inleiding tot die filosofie en studie van die reg.
(b) Geskiedenis van die Suid-Afrikaanse Romeins-Hollandse reg en sy toepassing.
(c) Inleiding tot die Suid-Afrikaanse positiewe reg.
(d) Personereg.
2. Familiereg.

Kursus II (Sake- en Erfreg)

(Twee vraestelle)

- (1) Sakereg, insluitende 'n oorsig van Grondregistrasie en Waterreg. (Een vraestel)
- (2) Erfreg en Boedeladministrasie. (Een vraestel)

Kursus III (Verbintenisreg)

(Twee vraestelle)

- (1) Kontraktereg en quasi-kontrak.

Algemene beginsels en besondere kontrakte (vernaamlik koop, huurkoop, huur, en die dienskontrak). (Een vraestel)

- (2) Deliktereg en quasi-delikte.

Algemene beginsels en besondere delikte. (Een vraestel)

B. *Gevorderde Privaatreg*

Kursus A

(Twee vraestelle)

Capita selecta uit die Privaatreg byvoorbeeld:

1. (a) Fideicommissum
(b) Stipulatio Alteri
(c) Trust
(d) Stigting
(e) Waterreg
(f) Regspersone en ander soisale instellings
(g) Persoonlike regte
(h) Minerale regte
(i) en/of enige ander relevante onderafdelings van Privaatreg.
2. (a) Verteenwoordiging en Lasgewing
(b) Borg
(c) Deposito
(d) Vervoer van Goedere
(e) Sessie
(f) Estoppel
(g) Boedeladministrasie
(h) en/of enige ander relevante onderafdelings van Privaatreg.

Kursus B

(Twee vraestelle)

1. (a) *Capita selecta* van deliktuele en quasi-deliktuele aanspreeklikheid.
(b) Verrykingsaanspreeklikheid. (Een vraestel van 3 uur).
2. Die jongste gewysdes op die hele gebied van die Privaatreg. (Een vraestel van 1½ uur)

C. Regsfilosofie

(Twee vraestelle)

1. Teorieë van Regsfilosofie

(Een drie-uur vraestel)

Die aard en definisie van die Regsfilosofie.

Die "Skole" van Regsfilosofie:

- (a) Natuurreg, oud en modern
 - (b) Middeleeuse teorieë
 - (c) Rasionalisme
 - (d) Idealisme
 - (e) Historiese benadering
 - (f) Positivisme
 - (g) Realisme (Anglo-Amerikaans en Skandinawies)
 - (h) Sosiologiese benadering
 - (i) Sosialistiese en Kommunistiese teorie.
2. Hedendaagse Vraagstukke in Regsfilosofie

(Een 1½-uur vraestel)

- (a) Regs- en verwante begrippe: die reg, billikheid, moraliteit en etiek; regte en verpligtinge.
- (b) Die reg, soewereiniteit en die staat.
- (c) Eiendom: eiendomsreg en besit.
- (d) Delik, versekering en maatskaplike verantwoordelikheid.
- (e) Misdad en vergelding.
- (f) Institusionele gesag, die individu en die staat.
- (g) Regshervorming insluitende kodifikasie.

D. Romeinse Reg

(Twee vraestelle)

1. (a) Oorsig van die Romeinse regsgeiedenis.
(b) Oorsig van Prosesreg.
2. Privaatreg.

E. Vergelykende Bantoreg

(Een vraestel)

1. 'n Vergelykende studie van Bantoe regstelsels, met besondere verwysing na die regstelsels in Suider-Afrika.
2. *Capita selecta* uit die Gewoontereg van die Transkei en Ciskei.

F. Internasionale Privaatreg

(Een vraestel)

1. 'n Inleiding tot regstelsels.
2. Suid-Afrikaanse Internasionale Privaatreg.



University of Port Harcourt
Together in Excellence

G. *Bantoreg*

(Een vraestel)

1. 'n Inleiding tot die vernaamste stelsels van Bantoreg in Suider-Afrika—hul geskiedenis, erkenning en toepassing.

2. (a) Bantoe Privaatreg: Personereg, Familiereg, Erfreg, Sakereg, Kontrakte en Quasi-kontrakte, Delikte en Quasi-delikte.

(b) Bantoe Prosesreg en Bewysleer.

DEPARTEMENT STRAF- EN PROSESREG

A. *Strafreg*

(Een vraestel)

(1) Inleiding tot die Strafregstudie:

die afbakening van die Strafreg en ander gebiede van die reg; die evolusie van die Strafreg; Strafregteorieë; geskiedenis en bronne van die Suid-Afrikaanse Strafreg; die begrip misdadig; die onderskeiding van gemeenregtelike en statutêre misdade.

(2) Die algemene leerstukke van die Strafreg:

die misdaadelemente; poging; **daderskap** en medepligtigheid; begunstiging; uitlokking en sameswering.

(3) Die belangrikste gemeenregtelike en statutêre misdade onder die volgende hoofde: misdade teen die Staat; misdade teen die lewe; misdade teen die liggaamlike integriteit, eer, waardigheid, goeie naam en vryheid; misdade teen die vermoë; misdade teen die geslagslewe; misdade teen die huwelik, godsdiens en sedelikheid; misdade teen die regspleging, oortredings onder die volgende wette: Kinderwet Nr. 33 van 1960; Wet op Voorkoming van Korrupsie, Nr. 6 van 1958; Veediefstalwet Nr. 57 van 1959; Ontgawet, Nr. 23 van 1957.

B. *Strafprosesreg*

(Een vraestel)

(1) Inleiding tot die studie van die Strafprosesreg; die funksie van die Strafprosesreg die plek van die Strafprosesreg in die sistematiek van die reg; die afbakening van die Strafprosesreg van ander gebiede van die reg.

(2) Die beginsels van die Suid-Afrikaanse Strafprosesreg in sowel die Hoër- as die Laerhowe (insluitende Bantohowe) onder die volgende hoofde:

die verskillende strafhowe; die jurisdiksie van die strafhowe, uitlewering van misdadigers; die vervolging van misdade; metodes van verkryging van die beskuldigde se teenwoordigheid by strafverhore; visentering; huissoeking; inbeslagneming van goedere; bevryding van vroue aangehou vir onsedelike doeleindes; borg; voorlopige ondersoek; aktes van beskuldiging; voorbrengring van die beskuldigde; die verloop van die verhoor na oorbrengring tot en met vonnis; spesiale inskrywings en voorbehoud van regs vrae; hersiening en appèlle.

C. *Siviele Prosesreg*

(Een vraestel)

Prosedure van siviele sake in laer en hoër howe. (Bantohowe ingeslote).

D. *Gevorderde Straf- en Prosesreg*

(Een vraestel)

(1) *Capita selecta* uit die Straf- en Prosesreg.

(2) *Medicina Forensis*.

E. *Bewysreg*

(Een vraestel)

Die bewysreg in straf-en siviele gedinge.

DEPARTEMENT HANDELSREG

A. *Handelsreg*

Kursus I

(Twee vraestelle)

1. Maatskappyereg.
2. (a) Vennootskapsreg.
(b) Insolvensiereg.

Kursus II

(Twee vraestelle)

1. (a) Oorsig van die elementêre beginsels van Verhandelbare dokumente.
(b) Versekeringsreg.
2. Immateriële goederereg

Soos vir Kommersiële Reg III.

B. *Kommersiële reg (vir B.Comm.-studente)*

Kursus I

(Twee vraestelle)

1. (a) Inleiding tot die reg.
(b) Algemene beginsels van die Kontraktereg.
2. Besondere kontrakte, insluitende:
Koop, huurkoop, huur, dienskontrak, verteenwoordiging en vervoerkontrakte en agentskappe.
3. Saaklike en persoonlike sekerheidstelling, insluitende: verband, pand, borgtog en retensieregte.

Kursus II

(Twee vraestelle)

1. (a) Versekeringsreg.
(b) Verhandelbare dokumente.
(c) 'n Breë oorsig van Insolvensie en Erfopvolging.
2. (a) Vennootskapsreg.
(b) Maatskappyereg.

Kursus III

(Twee vraestelle)

1. Gevorderde studie van sekere *capita selecta* uit die Maatskappyereg.
2. 'n Breë oorsig van:
 - (a) Regulerende wetgewing rakende sekere finansiële instellings soos banke, bouverenigings, ko-operatiewe verenigings ens.
 - (b) Nywerheidswetgewing.

DEPARTEMENT STAATS- EN VOLKEREK

A. *Juridiese Uitleg*

(Een vraestel)

Die aard, verskynsels en beginsels van die uitleg van wette en van sakereg.

B *Staats- en Administratiefreg*

(Twee vraestelle)

1. (a) Oorsprong en aard van grondwetlike regering.

(b) Die individu en die staat.

(c) Inleiding tot die Administratiefreg, met insluiting van die siviele aanspreeklikheid van die staat.

2. Grondwet en regering van die Republiek van Suid-Afrika, met insluiting van die deelname van die Bantoe aan grondwetlike regering.

C. *Gevorderde Staats- en Administratiefreg*

(Twee vraestelle)

(1) (a) *Capita selecta* uit die Staatsreg.

(b) Vergelykende Staatsreg.

(2) 'n Gedetailleerde studie van die Administratiefreg.

D. *Volkereg*

(Een vraestel)

Algemene beginsels van die Volkereg.

Die vredesreg en die elementêre beginsels van die oorlogsreg.

Die reg betreffende die belangrikste volkeregtelike organisasies.

Die internasionale status van Suidwes-Afrika.

E. *Sosiale en Ekonomiese Wetgewing*

(Twee vraestelle)

Die kursus sal bestaan uit die beginsels van Sosiale en Ekonomiese Wetgewing met verwysing na die meer belangrike aspekte van die wetgewing wat hieronder volg:

1. Die Kinderwet.

Die Ontugwet.

Openbare Gesondheidswet.

Wet op Publikasies.

Wet op Fisiese Beplanning en Benutting van Hulpbronne.

Elektrisiteit Wet

Nywerheidsontwikkelingswet.

Wet op die Beheer van Monopolistiese Toestande.

Bemerkingswet.

Wet op die Bevordering van die Ekonomiese Ontwikkeling van Bantoetuislande.

2. Wet op Vakleerlinge.

Wet op Fabriek, Masjinerie en Bouwerk.

Die Ongevallewet.

Die Nywerheidsversoeningwet.

Die Loonwet.

Wet op Bantoe-arbeid.

Wet op die reëling van Bantoe-arbeidsverhoudinge.

BEROEPSMOONTLIKHEDE VIR STUDENTE IN DIE VERSKEIE STUDIERIGTINGS

1. Die Staatsdienssertifikaat in die Regte stel houters daarvan in staat om as Publieke Aanklaers of Landdroste aangestel te word.

2. Voornemende prokureurs, kan vir die B. Proc.-graad inskryf. Die LL.B.-graad kan na verloop van 'n verdere twee jaar studie verwerf word.

3. Die B.Jur.-graad bevat die kursusse wat vir die Staatsdienssertifikaat in die Regte voorgeskryf is. Die LL.B.-graad kan na verloop van 'n verdere twee jaar studie verwerf word.

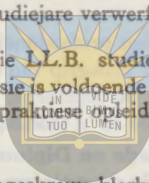
4. Studente wat nie in suiwer regstudie belangstel nie, of 'n handelsagtergrond verlang, word aanbeveel om vir die B.A. of B.Comm. in te skryf, in welke geval die LL.B.-graad na verloop van drie verdere studiejaar verwerf mag word.

5. Om toegelaat te word tot die LL.B. studie, moet 'n student 'n baccalaureus-grad besit. Die LL.B.-graadkwalifikasie is voldoende akademiese kwalifikasie vir toelating as Advokaat. ('n Sekere tydperk van praktiese opleiding word vereis voordat 'n advokaat mag praktiseer.)

6. Die vereiste tydskuur van ingeskrewe klerkskap vir toelating as prokureur word bepaal deur die voornemende Kandidaat se akademiese kwalifikasies, wat normaalweg soos volg is:

(a) B.Proc.-graad—twee jaar.

(b) LL.B.-graad—twee jaar.



Together in Excellence

Fakulteit Lettere en Wysbegeerte

Inleiding

Die Fakulteit Lettere en Wysbegeerte is een van die twee oudste fakulteite aan Fort Hare. Dit bied opleiding in die geesteswetenskappe en verskaf elementêre en gevorderde onderrig in 'n verskeidenheid van studierigtings en spesialiteite. Studente word in die Fakulteit voorberei vir loopbane as maatskaplike werkers, onderwysers, bibliotekaris, sielkundiges, personeel bestuurders en ander rigtings. Daar is ook beperkte maar toenemende geleenthede in navorsing en akademiese rigtings vir studente wat hulle studies op nagraadse vlak voortsit. 'n Graad in Lettere en Wysbegeerte is ook die sleutel tot werk in die administrasie en bestuur van die ontluikende Staatsdienste van die Transkei en Ciskei, sowel as in plaaslike en ander bestuursliggame en ook in sommige vertakkinge van die handel en die nywerheid.

Alhoewel die Fakulteit beslis geen professionele opleidingskool is nie, is die vakke wat aangebied word grondliggend vir 'n begrip van die lewe en kultuur van die mens, en verskaf derhalwe die fondament vir beroepsmense en ander persone wat op 'n groot verskeidenheid van gebiede leiding gee en 'n toonaangewende rol speel.

Grade en Diplomas

Die fakulteitsreëls wat hierop volg moet tesame met die voorskrifte van die Wet, die Statuut, die regulasies en die algemene reëls gelees word.

A.1. (1) Die volgende grade word in die Fakulteit toegeken:

I. *In die Lettere en Wysbegeerte :*

Baccalaureus Artium.....	B.A.
Honneurs-Baccalaureus Artium.....	Hons.-B.A.
Magister Artium.....	M.A.
Doctor Litterarum et Philosophiae.....	D.Litt. et Phil.

II. *In Biblioteekwetenskap :*

Baccalaureus Bibliothecologiae.....	B.Bibl.
Honneurs-Baccalaureus Bibliothecologiae.....	Hons.-B.Bibl.

III. *In Maatskaplike Werk :*

Baccalaureus Artium in Maatskaplike Werk.....	B.A. (M.W.)
Honneurs Baccalaureus in Maatskaplike Werk.....	Hons.-B.A. (M.W.)
Magister Artium in Maatskaplike Werk.....	M.A. (M.W.)
Doctor Philosophiae.....	D.Phil

IV. *In Skone Kunste :*

Baccalaureus Artium in Skone Kunste.....	B.A. (S.K.)
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V. *In Personeelleiding :*

Baccalaureus Artium in Personeelleiding.....	B.A. (Personeelleiding)
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VI. *In Kommunikasiekunde :*

Baccalaureus Artium in Kommunikasiekunde.....	B.A. (Kommunikasiekunde)
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(2) Die volgende voorgraadse diplomas word in die Fakulteit toegeken:

- Laer Diploma in Biblioteekwetenskap.
- Universiteitsdiploma in Maatskaplike Werk.
- Diploma in Skone Kunste (Dip. S.K.)

- (3) Die volgende nagraadse diplomas word in die Fakulteit toegeken:
 Diploma in Toegepaste Linguistiek.
 Hoër Diploma in Biblioteekwetenskap.

Die Graad Baccalaureus Artium

Duur van leergang

- A.2. Die leergang strek oor 'n tydperk van drie jaar voltydse studie.

Samestelling van leergang

- A.3. 'n Leergang bestaan uit minstens tien en hoogstens twaalf kursusse wat uit die volgende gekies kan word:

Groep A. (*Geesteswetenskappe*)

- (1) Afrikaans Spesiaal, Afrikaans-Nederlands I, II, III.
 Bantoetaal Spesiaal, Bantoetaal I, II, III.
 Duits Spesiaal, Duits I, II.
 Praktiese Engels, Engels I, II, III.
 Grieks I, II, III.
 Hebreeus I, II, III.
 Latyn Spesiaal, Latyn I, II, III.



- (2) Antropologie I, II, III.
 Argeologie I, II.
 Bybellkunde I, II, III.
 Ekonomie I, II, III.
 Geografie I, II, III.
 Geskiedenis I, II, III.
 Kriminologie I, II.
 Ontwikkelingsbeleid en -administrasie I, II, III.
 Publieke Administrasie I, II, III.
 Staatsleer I, II, III.
 Sielkunde I, II, III.
 Sosiologie I, II, III.
 Statistiese Metodes.
 Wiskunde I, II, III.
 Wysbegeerte I, II, III.

- (3) Beginsels van die Griekse Kultuur }
 Biblioteekwetenskap }
 Kunsgeskiedenis } slegs een kursus
 Statistiek }
 Opvoedkunde }

Groep B. (*Regsvalke*) (Slegs een kursus behalwe waar anders aangedui word.)

- Bantoereg
 Inleiding tot die Regswetenskap.
 Konstitusionele en Administratiefreg.
 Privaatreg I, II, III.
 Romeinse Reg.

eksamensyfer van minstens 75% en 'n gelykstellingstoets met Afr./Ned. I.

Hulpkursusse

A.11. 'n Student word nie tot die derde kursus in enige van die onderstaande hoofvakke toegelaat nie, tensy hy die gespesifiseerde hulpkursusse voltooi het, of hulle gelyktydig met die betrokke hoofvak neem: Met dien verstande dat indien die finale kursusse in die hoofvakke en die hulpkursusse gelyktydig geneem word en die student in een of albei hoofvakke slaag, maar in een of meer byvakke druij, dit geag sal wees dat hy aan die voorwaardes van hierdie paragraaf voldoen het as hy daarna die hulpkursus waarin hy gedruip het, voltooi.

<i>Hoofvak</i>	<i>Byvak</i>
Nguni-taal	'n Kursus in Suid-Sotho of Antropologie I.
Sotho-taal	'n kursus in Xhosa of Antropologie I.
Antropologie	Argeologie I.
Argeologie	Antropologie I.
Sielkunde	Statistiese Metodes en een van die volgende: Antropologie I
Publieke Administrasie	Sosiologie I
Sosiologie	Wysbegeerte I
	Staarsleer I
	Minstens een van die volgende: Antropologie I
	Sielkunde I
Latyn	Beginnsls van die Griekse Kultuur, maar dit moet saam met Latyn II of Latyn III geneem word.
Ontwikkelingsbeleid en -administrasie	Minstens een kursus in Antropologie.

Eksamen

A.12. (1) Om 'n kursus te voltooi moet 'n student voldoen aan die vereistes neergelê in die algemene reëls vir baccalaureusgrade en 'n subminimum van minstens 35% in elke vraestel behaal.

(2) Die jaarpunt en eksamenpunt word in 'n gelykwaardige verhouding gekombineer.

A.13. 1. 'n Student wat in sy eerste jaar van studie is, sal toegelaat word tot 'n aanvullende eksamen in die kursus wat hy nie geslaag het nie: Met dien verstande dat hy die volgende behaal:

(a) 'n jaarpunt of eksamenpunt van minstens 50%

(b) minstens 40% van die punte in die eksamen.

(c) 'n slaagsyfer in minstens twee ander kursusse tydens dieselfde eksamen.

2. 'n Student wat in sy tweede jaar van studie is, sal toegelaat word tot 'n aanvullende eksamen in die kursus wat hy nie geslaag het nie: Met dien verstande dat hy die volgende behaal:

(a) 'n jaarpunt of eksamenpunt van minstens 50%;

(b) 'n gemiddelde van minstens 45% vir die jaarpunt en die eksamen gesamentlik.

(c) 'n slaagsyfer in minstens twee ander kursusse in dieselfde eksamen.

3. 'n Student wat in sy derde jaar van studie is, sal toegelaat word tot 'n aanvullende eksamen in die kursus wat hy nie geslaag het nie:

- (a) in die finale kursus van 'n hoofvak: Met dien verstande dat hy die volgende behaal:
- (i) 'n jaarpunt of eksamenpunt van minstens 50%;
 - (ii) 'n gemiddelde van minstens 45% vir die jaarpunt en eksamen gesamentlik en die finale kursus van sy ander hoofvak voltooi het.
- (b) in een ander kursus: Met dien verstande dat dit die laaste oorblywende vereiste vir sy graad is.

4. Geen eerste-, tweede-, derde- of vierdejaarstudent sal 'n aanvullende eksamen toegestaan word indien hy nie 'n subminimum behaal in enige van sy vraestelle in 'n spesifieke kursus nie.

Onderskeiding

A.14. 'n Student slaag met onderskeiding in 'n hoofvak indien hy 'n slaagpunt van 75% in die finale kursus van die betrokke vak behaal.

Die Graad Honneurs-Baccalaureus Artium

Vakke

A.21. Die graad kan in een van die volgende vakke behaal word:

Afrikaans-Nederlands	Grieks
Antropologie	Latyn
Argeologie	Ontwikkelingsbeleid en -administrasie
Bantoetale	Publieke Administrasie
Bybelkunde	Sielkunde
Ekonomie	Staatsleer
Engels	Sosiologie
Geografie	Wiskunde
Geskiedenis	Wysbegeerte

Toelating

A.22. (1) Waar besondere toelatingsvereistes bestaan, word hulle in die betrokke leerplan aangedui.

(2) Onderhewig aan die algemene reëls vir Honneurs-baccalaureusgrade kan 'n student in besit van 'n B.A.-graad in Maatskaplike Werk toegelaat word tot die graad Honneurs-Baccalaureus Artium.

Sub-minimum

A.23. 'n Subminimum van 40% word in elke vraestel vereis.

Onderskeiding

A.24. Die graad word met onderskeiding toegeken aan 'n kandidaat wat 'n gemiddeld van 75% behaal in die honneurskursus.

Duur van leergang

A.25. Die honneurskursus strek oor minstens een jaar voltydse studie, maar 'n kandidaat kan, met verlof van die hoof van die betrokke departement, die kursus in twee dele, elk waarvan oor een akademiese jaar strek, bywoon en voltooi.

Die Graad Magister Artium

Vakke

- A.31. Die graad kan toegeken word in een van die volgende vakke
- | | |
|----------------------|---------------------------------------|
| Afrikaans-Nederlands | Grieks |
| Antropologie | Latyn |
| Argeologie | Ontwikkelingsbeleid en -administrasie |
| Bantoetale | Publieke Administrasie |
| Ekonomie | Sielkunde |
| Engels | Staatsleer |
| Filosofie | Sosiologie |
| Geografie | Wiskunde |
| Geskiedenis | |

Niemand word as kandidaat vir 'n magistergraad toegelaat nie, tensy:

- (a) hy tot 'n graad toegelaat is wat ingevolge die algemene reëls vir die magistergraad of ekwivalente status vereis word
- (b) 'n nagraadse diploma in **toegepaste** linguistiek aan hom toegeken is: Met dien verstande dat die **houer van so 'n diploma** nie as kandidaat in enige departement behalwe Afrikaans-Nederlands, Bantoetale of Engels toegelaat word nie: Met dien verdere verstande dat:
- (i) so 'n vak een van die hoofvakke van sy leergang tot die baccalaureusgraad was en
- (ii) sy gevorderde studie of navorsing in 'n rigting is wat deur die hoof van die relevante departement en deur die Hoof van die Taallaboratorium goedgekeur is.

Eksamen

A.32. Die eksamen in enige vak sal die vorm van 'n verhandeling aanneem, tensy die betrokke leerplan anders aandui.

Die Graad Doctor Litterarum et Philosophiae

(Raadpleeg asseblief die Statuut en algemene reëls vir die doktorsgraad).

Diploma in Toegepaste Linguistiek

Toelating

A.L.1 Niemand word as kandidaat toegelaat nie tensy hy tot die baccalaureusgraad van die Universiteit of 'n ander Universiteit wat vir hierdie doel deur die Senaat erken word en

- (a) die kursusse in minstens een van die volgende vakke vir die baccalaureusgraad voltooi het:
Afrikaans-Nederlands
Bantoetale
Engels
- of*
- (b) twee kursusse voltooi het in minstens twee vakke soos in (a) uiteengesit;
- of*
- (c) minstens twee kursusse in algemene linguistiek voltooi het
- of*
- (d) minstens drie jaar bevredigende ondervinding van die onderrig van een van die

tale het soos in (a) uiteengesit en minstens twee kursusse van bogenoemde tale tot die baccalareusgraad voltooi het.

Leergang

A.L.2 Die leergang strek oor een akademiese jaar.

A.L.3 (i) 'n Studente sal die kursus in Toegepaste Linguistiek bywoon en deur middel van 'n eksamen voltooi.

(ii) 'n Student sal 'n taal aanleer waarvan hy geen vorige kennis gehad het nie wat bepaal sal word deur die Direkteur van die Taallaboratorium. Hy sal 'n toets in die taal moet slaag voordat hy tot die eksamen aan die einde van die kursus toegelaat sal word.

Eksamen

A.L.4 Die eksamen bestaan uit 'n skriftelike en 'n praktiese toets asook 'n verslag van 'n projek wat amptelik goedgekeur is.

Onderskeiding

A.L.5 Die diploma word met onderskeiding toegeken aan 'n kandidaat wat 'n gemiddelde eksamensyfer van 75% behaal het.

Die Graad Baccalareus Bibliothecologiae

Duur van leergang

L.S.1. Die leergang strek oor vier jaar voltydse studie.

Samestelling van leergang

L.S.2. (1) 'n Leergang bestaan uit vierde kursusse,

(a) tien kursusse wat ingevolge die reëls vir die graad Baccalareus Artium gekies word;

(b) Biblioteekwetenskap I, II, III.

(2) Ondanks andersluidende bepalings, moet 'n student in sy vierde studiejaar Biblioteekwetenskap IV en die derde kursus in een ander vak neem.

L.S.3. 'n Student mag hoogstens vyf kursusse in sy eerste studiejaar, hoogstens vier kursusse in sy tweede studiejaar, en hoogstens drie kursusse in of sy derde of vierde studiejaar neem: Met dien verstande dat hy in die tweede of meer gevorderde jaar een kursus meer as die maksimum mag neem indien hy voorheen in sodanige kursus gedruip het.

Vrystellings

L.S.4. (1) 'n Student wat die Elementêre of Sekondêre eksamen van die Suid-Afrikaanse Biblioteekvereniging afgelê het, kan vrystelling kry van Biblioteekwetenskap I of Biblioteekwetenskap I en II respektiewelik.

(2) 'n Student wat die Laer Diploma in Biblioteekwetenskap besit, kan van hoogstens vyf kursusse vrygestel word.

Bepaling van Studiejaar

L.S.5. 'n Student word gegag in sy eerste studiejaar te wees tot dat hy erkenning vir Biblioteekkunde I en minstens een ander kursus ontvang het; in sy tweede studiejaar te wees wanneer hy erkenning vir Biblioteekwetenskap I en II en minstens vyf ander kursusse ontvang het; in sy vierde studiejaar te wees as hy die kursusse volg wat hom in staat stel om aan die vereistes vir 'n graad daardie jaar te voldoen; andersins word hy gegag in sy derde studiejaar te wees.



University of Fort Hare

Eksamen

L.S.6. (1) Om 'n kursus te voltooi moet 'n student voldoen aan die vereistes wat neergelê word in die algemene reëls vir die baccalaureusgraad en 'n subminimum van minstens 35% in elke vraestel behaal.

(2) Die jaarpunt en eksamenpunt word in 'n gelykwaardige verhouding gekombineer.

L.S.7. 1. 'n Student wat in sy eerste jaar van studie is, sal toegelaat word tot 'n aanvullende eksamen in die kursus wat hy nie geslaag het nie: Met dien verstande dat hy die volgende behaal:

(a) 'n jaarpunt van minstens 50%

(b) minstens 40% van die punte in die eksamen.

(c) 'n slaagsyfer in minstens twee ander kursusse tydens dieselfde eksamen.

2. 'n Student wat in sy tweede en derde jaar van studie is, sal toegelaat word tot 'n aanvullende eksamen in die kursus wat hy nie geslaag het nie: Met dien verstande dat hy die volgende behaal:

(a) 'n jaarpunt van minstens 50%;

(b) 'n gemiddelde van minstens 45% vir die jaarpunt en die eksamen gesamentlik.

(c) 'n slaagsyfer in minstens twee ander kursusse in dieselfde eksamen.

3. 'n Student wat in sy vierde jaar van studie is, sal toegelaat word tot 'n aanvullende eksamen in die kursus wat hy nie geslaag het nie:

(a) in die finale kursus van 'n hoofvak: Met dien verstande dat hy die volgende behaal:

(i) 'n jaarpunt van minstens 50% Fort Hare

(ii) 'n gemiddelde van minstens 45% vir die jaarpunt en eksamen gesamentlik en die finale kursus van sy ander hoofvak voltooi het.

(b) in een ander kursus: Met dien verstande dat dit die laaste oorblywende vereiste vir sy graad is.

(4) Geen eerste-, tweede-, derde- of vierdejaarstudent sal 'n aanvullende eksamen toegestaan word indien hy nie 'n subminimum behaal in enige van sy vraestelle in 'n spesifieke kursus nie.

Die Graad Honneurs-Baccalaureus Bibliothecologiae**Toelating**

L.S.11. 'n Persoon word nie as kandidaat vir die graad toegelaat nie tensy hy—

(a) toegelaat is tot die graad Baccalaureus Bibliothecologia van die Universiteit; of

(b) in besit is van 'n vierjarige baccalaureusgraad in Biblioteekwetenskap van 'n ander universiteitsinrigting of van 'n universiteit buite die Republiek en tot die status van Baccalaureus Bibliothecologiae aan die Universiteit; of

(c) toegelaat is tot enige ander baccalaureusgraad of sodanige status aan die Universiteit en in besit is van 'n Hoër Diploma in Biblioteekwetenskap; of

(d) kragtens paragraaf G.17(c) van die algemene reëls vir die honneurs-baccalaureusgraad kwalifiseer.

Eksamen

L.S.12. (1) Die eksamen bestaan uit vyf drie-uur vraestelle.

(2) 'n Subminimum van 40% word in elke vraestel vereis.

Onderskeiding.

L.S.13. Die graad word met onderskeiding toegeken aan 'n kandidaat wat 'n gemiddelde van 75% in die kursus behaal het.

Laer Diploma in Biblioteekwetenskap

Toelating

L.S.21. Niemand word as student ingeskryf nie tensy hy die matrikulasiesertifikaat deur die Gemeenskaplike Matrikulasieraad uitgereik of 'n sertifikaat ter vrystelling daarvan verkry het.

Duur van leergang

L.S.22. Die leergang strek oor twee jaar voltydse studie.

Samestelling van leergang

L.S.23. Die leergang bestaan uit 7 kursusse, naamlik:

(a) Biblioteekwetenskap I en II; en

(b) Vyf kursusse gekies in ooreenstemming met die reëls vir die graad Baccalaureus Artium.

L.S.24. Biblioteekwetenskap I mag in òf die eerste òf die tweede studiejaar geneem word, en indien dit die tweede jaar geneem word, mag dit gelyktydig met Biblioteekwetenskap II geneem word.

Eksamen

L.S.25. (1) Om 'n kursus te voltooi moet 'n student voldoen aan die vereistes soos bepaal in die algemene reëls vir 'n baccalaureusgraad en 'n subminimum van minstens 35% in elke vraestel behaal.

(2) Die jaarpunt en eksamenpunt word in 'n gelykwaardige verhouding gekombineer.

L.S.26. 1. 'n Student wat in sy eerste jaar van studie is, sal toegelaat word tot 'n aanvullende eksamen in die kursus wat hy nie geslaag het nie: Met dien verstande dat hy die volgende behaal:

(a) 'n jaarpunt van minstens 50%

(b) minstens 40% van die punte in die eksamen.

(c) 'n slaagsyfer in minstens twee ander kursusse tydens dieselfde eksamen.

2. 'n Student wat in sy tweede jaar van studie is, sal toegelaat word tot 'n aanvullende eksamen in die kursus wat hy nie geslaag het nie: Met dien verstande dat hy die volgende behaal:

(a) (i) 'n jaarpunt van minstens 50%

(ii) 'n gemiddelde van minstens 45% vir die jaarpunt en die eksamen gesamentlik.

(b) in een ander kursus: Met dien verstande dat dit die laaste oorblywende vereiste vir sy diploma is.

(3) Geen eerste-, tweede-, derde- of vierdejaarstudent sal 'n aanvullende eksamen toegestaan word indien hy nie 'n subminimum behaal in enige van sy vraestelle in 'n spesifieke kursus nie.

Hoër Diploma in Biblioteekwetenskap

L.S.31. Niemand word as student toegelaat nie tensy hy in besit is van 'n goedgekeurde baccalaureusgraad van die Universiteit, of tot 'n sodanige status toegelaat is nie.

L.S.32. Die leergang bestaan uit Biblioteekwetenskap I, II, III en IV en strek oor minstens een jaar voltydse studie.

L.S.33. Die diploma word toegeken aan 'n student wat die vier kursusse waaruit die leerplan bestaan, tydens dieselfde eksamen slaag: Met dien verstande dat die November eksamen van enige jaar en die daaropvolgende Februarie eksamen vir hierdie doel geag word dieselfde eksamen te wees.

L.S.34. (1) Om 'n kursus te voltooi moet 'n student voldoen aan die vereistes soos bepaal in die algemene reëls vir 'n baccalaureusgraad en 'n subminimum van minstens 40% in elke vraestel behaal.

(2) Die jaarpunt en eksamenpunt word in 'n gelykwaardige verhouding gekombineer.

Die Graad Baccalaureus Artium in Maatskaplike Werk

Duur van leergang

S.W.1. Die leergang strek oor drie jaar voltydse studie.

B.A.-reëls

S.W.2. Onderhewig aan enige andersluidende bepalings in hierdie reëls, is die reëls vir die gewone graad Baccalaureus Artium van toepassing.

Samestelling van leergang

S.W.3. Die leergang bestaan uit minstens tien en hoogstens twaalf kursusse.

S.W.4. By 'n student se leergang moet ingesluit wees—

(a) Maatskaplike Werk I, II en III;

(b) of Sosiologie I, II en III en minstens Sielkunde I en II,

of

Sielkunde I, II en III en minstens Sosiologie I en II.

'n Student sal nie toegelaat word om vir Maatskaplike Werk III te registreer nie, tensy hy reeds Sielkunde I en Sosiologie I geslaag het.

'n Student sal nie toegelaat word om vir Maatskaplike Werk III te registreer nie, tensy hy die kursus in Statistiese Metodes geslaag het of dit saam met Maatskaplike Werk III aanbied.

(c) kursusse uit die volgende gekies:

Ekonomie I, II, III

Kriminologie I, II

Antropologie I, II

Antropologie IA

Geskiedenis I

Wysbegeerte I

Staatsleer I

Ontwikkelingsbeleid en -administrasie I

Statistiese Metodes

Afrikaans-Nederlands I

of Spesiale Afrikaans

'n Bantoetaal I

Duits spesiaal

Engels I of Praktiese Engels

} Slegs een taalkursus.

(d) 'n Student wat Antropologie IA kies, sal nie toegelaat word tot die tweede kursus in Antropologie nie.

S.W.5. 'n Student moet sodanige praktiese maatskaplike werk by 'n geregistreerde welsynsorganisasie doen as wat die Departementshoof mag voorskryf. 'n Student mag sy eie reëlings tref, onderhewig aan die goedkeuring van die Departementshoof wat hom die reg voorbehou om enige reëlings namens die student te tref.

S.W.6. 'n Student word nie tot die tweede en derde kursus in Maatskaplike Werk toegelaat nie tensy hy die praktiese maatskaplike werk vir die voorafgaande jaar bevredigend geslaag het.

Die Graad Honneurs-Baccalaureus Artium in Maatskaplike Werk

Vak.

S.W.8. Die graad kan alleen in die vak Maatskaplike Werk behaal word.

Toelating.

S.W.9. Alleen persone wat in besit is van 'n Baccalaureusgraad met hoofvakke soos onder die reëls vir die B.A.-graad in Maatskaplike Werk neergelê kan toegelaat word tot hierdie graad.

Reëls

S.W.10. Behoudens andersluitende bepalings in hierdie reëls, is die algemene reëls vir die honneurs-baccalaureusgraad van toepassing.

Die Graad Magister Artium in Maatskaplike Werk

(Raadpleeg die Statuut en die algemene reëls vir die magistergraad, asseblief).

Die Graad Doctor Philosophiae in Maatskaplike Werk

(Raadpleeg die Statuut en die algemene reëls vir die doktorsgraad, asseblief).

Universiteitsdiploma in Maatskaplike werk

Toelating

S.W.11. Niemand word as student ingeskryf nie tensy—

- (a) hy die Skooleindsertifikaat van die Gemeenskaplike Matrikulasieraad of 'n ander sertifikaat wat die Senaat as gelykwaardig ag, verkry het, of
- (b) hy minstens 25 jaar oud is en die Senaat tevrede stel dat hy 'n standaard van opleiding bereik het wat aan die Skooleindsertifikaat gelykgestel kan word.

Reëls vir B.A. (M.W.)

S.W.12. Behoudens andersluitende bepalings in hierdie reëls, is die reëls vir die graad Baccalaureus Artium in Maatskaplike Werk van toepassing.

Aantekening van vakke op diploma

S.W.13. Die uitslae van alle eksamens sal op die diploma van 'n suksesvolle kandidaat aangeteken word.

S.W.14. 'n Besitter van die diploma mag hom aanmeld vir 'n eksamen in enige keusevak waarin hy nog nie 'n eksamen afgelê het nie en, indien hy slaag, mag hy sodanige vak op sy diploma laat aanteken.

Die Graad Baccalaureus Artium in Skone Kunste

Duur van leergang

F.A.1. Die leergang strek oor 'n tydperk van drie jaar voltydse studie.

F.A.2. Die volgende kursusse word voorgeskryf vir die eerste studiejaar:

- Kunsgeskiedenis I.
- Skilderkuns I of Beeldhoukuns I.
- Tekene I.
- Grafiese Kuns I.

Een van die volgende :

- Engels I.
- Praktiese Engels.
- Afrikaans-Nederlands I.
- Spesiale Afrikaans.
- Duits I.
- Spesiale Duits.

Een van die volgende :

- Antropologie I.
- Argeologie I.



F.A.3. 'n Student sal nie tot die tweede studiejaar toegelaat word nie, tensy hy al die kursusse in Skone Kunste van die eerste studiejaar geslaag het.

F.A.4. Die volgende kursusse word voorgeskryf vir die tweede studiejaar:

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Together in Excellence

- Kunsgeskiedenis II.
 - Skilderkuns II of Beeldhoukuns II
 - Tekene II.
 - Grafiese Kuns II
- } Kursusse in Skone Kunste

Een van die volgende :

- Engels II.
- Afrikaans-Nederlands II.
- Duits II.
- Sielkunde I.
- Visuele Kommunikasie.
- Wysbegeerte I.
- Kultuurgeskiedenis.

F.A.5. 'n Student word nie tot die derde studiejaar toegelaat nie tensy hy al die kursusse van die eerste studiejaar en al die kursusse in Skone Kunste van die tweede studiejaar geslaag het.

F.A.6. Die volgende kursusse word voorgeskryf vir die derde studiejaar:

- Kunsgeskiedenis III.
- Skilderkuns III of Beeldhoukuns III.
- Grafiese Kuns III.
- Estetika.

Bepaling van studiejaar.

F.A.7. 'n Student word geag in sy eerste studiejaar te wees totdat hy erkenning ontvang het vir minstens twee kursusse; in sy derde studiejaar wanneer hy kursusse volg wat hom in staat stel om aan die vereistes vir 'n graad daardie jaar te voldoen; andersins word hy geag in sy tweede studiejaar te wees.

Aanvullende eksamens.

F.A.8. 1. 'n Student wat in sy eerste studiejaar is, sal toegelaat word tot 'n aanvullende eksamen in 'n kursus wat hy gedruip het: Met dien verstande dat hy die volgende behaal:

- (a) 'n jaarpunt of eksamenpunt van 50%.
- (b) minstens 40% van die punte in die eksamen en
- (c) 'n slaagsyfer in minstens twee kursusse in Skone Kunste tydens dieselfde eksamen.

2. 'n Student wat in sy tweede studiejaar is, sal toegelaat word tot 'n aanvullende eksamen in 'n kursus wat hy gedruip het: Met dien verstande dat hy die volgende behaal:

- (a) 'n jaarpunt of eksamenpunt van minstens 50%.
- (b) 'n gemiddelde van minstens 45% vir die jaarpunt en die eksamen gesamentlik; en
- (c) 'n slaagsyfer in minstens twee ander kursusse in Skone Kunste tydens dieselfde eksamen.

3. 'n Student wat in sy derde studiejaar is, sal toegelaat word tot 'n aanvullende eksamen in die kursus wat hy gedruip het:

- (a) in die derde kursus van 'n kunsvak: Met dien verstande dat hy die volgende behaal:
 - (i) 'n jaarpunt of eksamenpunt van minstens 50%.
 - (ii) 'n gemiddelde van minstens 45% vir die jaarpunt en eksamen gesamentlik en die finale kursus van die ander twee kunsvakke voltooi het.
- (b) in een ander kursus: Met dien verstande dat dit die laaste oorblywende vereiste vir sy graad is.

4. Geen student sal 'n aanvullende eksamen toegestaan word indien hy nie 'n subminimum behaal in enige van sy vraestelle in 'n spesifieke kursus nie.

Onderskeiding.

F.A.9. Die graad word met onderskeiding toegeken aan 'n student wat 'n gemiddelde van 75% in al die kunsvakke in die finale studiejaar behaal het.

Diploma in Skone Kunste

- (i) *Naam van kursus* : Diploma in Skone Kunste.
- (ii) *Duur van kursus* : Twee jaar.
- (iii) *Inhoud en struktuur van kursus* : Die kursus sal met uitsluiting van die Opvoedkundevakke basies ooreenstem met die huidige H.S.O.D. (Skone Kunste)-kursus, en sal soos volg wees:

Eerste Jaar :

- (a) Kunsgeskiedenis I (Soos vir die H.S.O.D. (Skone Kunste) I).
- (b) Tekenkuns I
- (c) Skilderkuns I
- (d) Grafiese Kuns I
- (e) Tekstielontwerp I
- (f) Beeldhoukuns en Pottebakkerij I.

Alhoewel studente onderrig in al die genoemde kursusse sal ontvang, sal die praktiese eksamens slegs in Tekenkuns I en in een van die volgende kombinasies afgelê word:

Skilderkuns I en óf Grafiese Kuns I óf Tekstielontwerp I

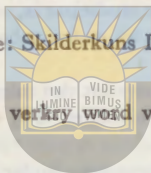
of

Beeldhoukuns I en óf Grafiese Kuns I óf Tekstielontwerp I.

Tweede Jaar :

- (a) Kunsgeskiedenis II (Soos vir H.S.O.D. (Skone Kunste) II)
- (b) Tekenkuns II
- (c) Twee van die volgende: Skilderkuns II; Grafiese kuns II; Tekstielontwerp II; Beeldhoukuns II.

(Volledige besonderhede kan verkry word van die Hoof van die Departement van Skone Kunste.)



Die Graad Baccalaureus Artium in Personeelleiding

Duur van leergang.

P.M.1. Die leergang strek oor 'n tydperk van drie jaar voltydse studie.

Samestelling van leergang.

P.M.2. Die kursusse is soos volg:

Eerste jaar: Bedryfsielkunde I
Sosiologie I
Antropologie I
Ontwikkelingsbeleid en -Administrasie I
Praktiese Engels

Tweede jaar : Bedryfsielkunde II
Sosiologie (Industriële) II
Antropologie II
Ontwikkelingsbeleid en -Administrasie II

Derde jaar : Bedryfsielkunde III
Sosiologie (Industriële) III
Sosiale en Ekonomiese Wetgewing

Bepaling van Studiejaar.

P.M.3. (1) 'n Student word nie tot die tweede jaar toegelaat nie tensy hy Bedryfsielkunde I asook Sosiologie I en minstens twee andere kursusse geslaag het.

(2) 'n Student word nie tot die derde jaar toegelaat nie tensy hy Bedryfsielkunde I en II asook Sosiologie (Industriële) I en II en minstens vier andere kursusse geslaag het.

Eksamen.

- P.M.4. (1) Om 'n kursus te voltooi moet 'n student voldoen aan die vereistes neergelê in die algemene reëls vir baccalaureusgrade en 'n subminimum van minstens 35% in elke vraestel behaal.
- (2) Die jaarpunt en eksamenpunt word in 'n gelykwaardige verhouding gekombineer.
- P.M.5. (1) 'n Student wat in sy eerste jaar van studie is, sal toegelaat word tot 'n aanvullende eksamen in die kursus wat hy nie geslaag het nie: Met dien verstande dat hy die volgende behaal:—
- (a) 'n jaarpunt of eksamenpunt van minstens 50%.
- (b) minstens 40% van die punte in die eksamen.
- (c) 'n slaagsyfer in minstens twee ander kursusse tydens dieselfde eksamen.
- (2) 'n Student wat in sy tweede jaar van studie is, sal toegelaat word tot 'n aanvullende eksamen in die kursus wat hy nie geslaag het nie: Met dien verstande dat hy die volgende behaal:—
- (a) 'n jaarpunt of eksamenpunt van minstens 50%;
- (b) 'n gemiddelde van minstens 45% vir die jaarpunt en die eksamen gesamentlik.
- (c) 'n slaagsyfer in minstens twee ander kursusse in dieselfde eksamen.
- (3) 'n Student wat in sy derde jaar van studie is, sal toegelaat word tot 'n aanvullende eksamen in die kursus wat hy nie geslaag het nie:
- (a) in die finale kursus van 'n hoofvak: Met dien verstande dat hy die volgende behaal:
- (i) 'n jaarpunt of eksamenpunt van minstens 50%;
- (ii) 'n gemiddelde van minstens 45% vir die jaarpunt en eksamen gesamentlik en die finale kursus van sy ander hoofvak voltooi het.
- (b) in een ander kursus: Met dien verstande dat dit die laaste oorblywende vereiste vir sy graad is.
- (4) Geen eerste-, tweede- of derdejaarstudent sal 'n aanvullende eksamen toegestaan word indien hy nie 'n subminimum behaal in enige van sy vraestelle in 'n spesifieke kursus nie.

Onderskeiding

P.M.6. 'n Student slaag met onderskeiding in 'n hoofvak indien hy 'n slaagpunt van 75% in die finale kursus van die betrokke vak behaal.

Die Graad Baccalaureus Artium in Kommunikasiekunde*Duur van leergang*

A.C.1 Die leergang strek oor 'n tydperk van vier jaar voltydse studie.

Keuse van Kursusse

A.C.2 Die leergang sal uit veertien kursusse bestaan, waarvan drie kursusse in een vak gedurende die eerste drie studiejare geneem sal word, en wat as die aanvangshoofvak bekend sal staan, asook drie kursusse in elk van twee ander vakke wat gedurende die

tweede, derde en vierde studiejaar geneem sal word en wat as die finale hoofvakke bekend sal staan. Die veertien kursusse sal soos volg gekies word:

- (a) 'n Drie-kursushoofvak in Kommunikasiekunde, wat in die tweede, derde en vierde studiejaar geneem word;
- (b) 'n Drie-kursushoofvak in Afrikaans-Nederlands, of 'n Bantoetaal of Engels, wat óf as die aanvangshoofvak vir die graad in die eerste, tweede en derde studiejaar, óf as een van die twee finale hoofvakke vir die graad (Kommunikasiekunde is die ander) in die tweede, derde en vierde studiejaar geneem word.
- (c) 'n Drie-kursushoofvak in Filosofie of Sielkunde of Sosiologie of Volkekunde, wat as die aanvangshoofvak geneem word indien die kursusse in (b) as finale hoofvak geneem word en wat as 'n finale hoofvak geneem moet word indien die kursusse in (b) as aanvangshoofvak geneem word
- (d) Vyf kursusse soos volg gekies:
 - (i) Een óf twee kursusse wat nie in (c) gekies is nie, uit een of meer van die vakke Filosofie, Sielkunde, Sosiologie en Volkekunde gekies, tesame met
 - (ii) Die benodigde aantal uitstaande kursusse uit eerste en tweede kursus in enige taal wat in die Fakulteit aangebied word en wat nie in (b) gekies is nie of in enige van die vakke Argeologie, Kriminologie, Ontwikkelingsbeleid en Administrasie, Ekonomie, Geskiedenis, Kuns-geskiedenis, Inleiding tot die Regswetenskap, Biblioteekkunde, Staatsleer, Publieke Administrasie of Statistiese Metodes.

A.C.3 'n Student mag hoogstens vyf kursusse in sy eerste studiejaar, hoogstens vier kursusse in sy tweede studiejaar, hoogstens drie kursusse in sy derde studiejaar en hoogstens twee in sy vierde studiejaar neem. Met dien verstande dat hy in sy tweede, derde en vierde jaar een kursus meer as die maksimum mag neem indien hy voorheen in sodanige kursus gedruip het.

Bepaling van studiejaar

A.C.4 'n Student sal nie geag word sy tweede studiejaar te begin behalwe as hy reeds al die kursusse in terme van die leergang vir daardie jaar geslaag het of daarvoor geregistreer het nie; dieselfde geld ook ten opsigte van die derde en vierde studiejaar.

Toelating

A.C.5 Die voorsiening in die reëls vir die gewone Baccalaureus Artium met betrekking tot

- (a) spesiale toelatingsvoorskrifte vir sekere vakke,
- (b) spesiale taalkursusse en
- (c) byvak-kursusse, sal van toepassing wees.

Eksamen

- A.C.6 (a) 'n Student moet aan die vereistes ter voltooiing van 'n kursus soos uiteengesit in die algemene reëls vir die graad Baccalaureus voldoen, en moet 'n subminimum van ten minste 35% in elke vraestel behaal.
- (b) Die jaarpunt en eksamenpunt word in 'n gelykwaardige verhouding gekombineer.

Aanvullende eksamens

A.C.7 1. 'n Student wat in sy eerste jaar van studie is, sal toegelaat word tot 'n aanvullende eksamen in die kursus wat hy nie geslaag het nie: Met dien verstande dat hy die volgende behaal:

- (a) 'n jaarpunt of eksamenpunt van minstens 50%
- (b) minstens 40% van die punte in die eksamen
- (c) 'n slaagsyfer in minstens twee ander kursusse tydens dieselfde eksamen.
2. 'n Student wat in sy tweede of derde jaar van studie is, sal toegelaat word tot 'n aanvullende eksamen in die kursus wat hy nie geslaag het nie: Met dien verstande dat hy die volgende behaal:
- (a) 'n jaarpunt of eksamenpunt van minstens 50%
- (b) 'n gemiddelde van minstens 45% vir die jaarpunt en die eksamen gesamentlik
- (c) 'n slaagsyfer in minstens twee ander kursusse in dieselfde eksamen.
3. 'n Student wat in sy vierde jaar van studie is, sal toegelaat word tot 'n aanvullende eksamen in die kursus wat hy nie geslaag het nie:
- (a) in die finale kursus van 'n hoofvak: Met dien verstande dat hy die volgende behaal:
- (i) 'n jaarpunt of eksamenpunt van minstens 50%
- (ii) 'n gemiddelde van minstens 45% vir die jaarpunt en eksamen gesamentlik en die finale kursus van sy ander hoofvak voltooi het.
- (b) in een ander kursus: Met dien verstande dat dit die laaste oorblywende vereiste vir sy graad is.
4. Geeneerste-, tweede-, derde- of vierdejaarstudent sal 'n aanvullende eksamen toegestaan word indien hy nie 'n subminimum behaal in enige van sy vraestelle in 'n spesifieke kursus nie.

Onderskeiding

A.C.8 'n Student slaag met onderskeiding in 'n hoofvak indien hy 'n slaagpunt van 75% in die finale kursus van die betrokke vak behaal.

LEERPLANNE

DEPARTEMENT AFRIKAANS-NEDERLANDS (EN DUITSE) AFRIKAANS-NEDERLANDS

Spesiale Afrikaans

Hierdie kursus word deur die Gemeenskaplike Matrikulasieraad erken vir vry-stellingsdoeleindes vir Afrikaans (Standaardgraad) op Matrikulasievlak. Dis 'n afgeronde eenjarige kursus wat nie toegang tot Afrikaans-Nederlands II verleen nie, behalwe by wyse van hoë uitsondering. Elke student wat hierdie kursus volg, ontvang ook verpligte onderrig in die taallaboratorium.

Vraestel 1. (Taalkunde)

1. Vormleer en sintaksis.
2. Idioom en Spreekwoord.
3. Vertaling op sig uit Engels in Afrikaans en omgekeerd.
4. Stelwerk.
5. 'n Begripstoets wat in Afrikaans beantwoord moet word.

Handboeke :

GROENEWALD, P. W. J.
BARNES, A. S. V.

: *Learn to speak Afrikaans*
: *Afrikaanse Grammatika*

Vraestel 2. Stilistiek aan die hand van voorgeskrewe tekste.
Mondelinge Toets.

Voorgeskrewe werke :

- | | |
|---------------------------------------|--------------------------|
| VAN WYK LOUW, N. P. en LINDENBERG, E. | : <i>Treknet</i> |
| VAN DEN HEEVER, C. M. | : <i>Somer</i> |
| LEIPOLDT, C. LOUIS | : <i>Die laaste aand</i> |

Kursus I

Eerste Vraestel (Taalkunde)

1. Taalverwantskap en taalindeling. 'n Skematiese aanduiding met kort toeligting van die plek van Afrikaans en Nederlands in die Germaanse verband.
2. Inleiding tot die Afrikaanse klank-, woord- en sinsleer.
3. Taalkundige begrippe en taalverskynsels.

Handboeke :

- | | |
|---------------------|--|
| VAN DER MERWE, e.a. | : <i>Afrikaans, sy Aard en Ontwikkeling.</i> |
|---------------------|--|

Tweede Vraestel (Letterkunde)

1. Geskiedenis en geskrifte van die Afrikaanse Beweging.
2. Hoofmomente uit die Afrikaanse Literatuurgeskiedenis van die Twintigste Eeu.
3. Voorgeskrewe werke: 1 Prosawerk, 1 digbundel, 1 drama, 1 Nederlandse werk.

Handboeke :

- | | |
|---------------------|---|
| KANNEMEYER, J. C. | : <i>Die Afrikaanse Bewegings (Blokboek)</i> |
| OPPERMAN, D. J. | : <i>Groot Verseboek.</i> |
| GROVÉ, A. P. | : <i>Woord en Wonder.</i> |
| VAN WYK LOUW, N. P. | : <i>Raka.</i> |
| LEIPOLDT, C. LOUIS | : <i>Die Heks.</i> |
| KRIGE, UYS | : <i>Vier eenbedrywe (Van Schaik Toneelreeks)</i> |
| SCHOEMAN, KAREL | : <i>Op 'n elland.</i> |
| DE WIT AUGUSTA | : <i>Orpheus in de Dessa.</i> |

Kursus II

Vraestel 1 (Taalkunde)

1. Fonologie.
2. Semantiek.
3. Sintaksis.

Handboeke :

- | | |
|----------------------------|--------------------------------------|
| VAN RENSBURG, M. C. J. ea. | : <i>T.G.G. : 'n Eerste Oorsig</i> |
| VAN DER MERWE, e.a. | : <i>Inleiding tot die Taalkunde</i> |

Vraestel 2 (Taalkunde)

1. Die Ontwikkelingsgeskiedenis van Nederlands tot by Afrikaans
2. Die Ontstaan van Afrikaans.
3. Hoofverskilpunte tussen Afrikaans en Nederlands.

Handboeke :

- | | |
|--------------------|---|
| RAIDT, E. | : <i>Afrikaans en sy Europese Verlede</i> |
| DE VILLIERS, MEYER | : <i>Nederlands en Afrikaans</i> |

Vraestel 3 (Afrikaanse Letterkunde)

1. Literatuurteorie: Poësie.
2. Die Afrikaanse poësie met toespitsing op 'n aantal digters en bundels.

Voorgeskrewe werke:

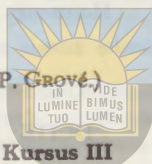
OPPERMAN, D. J.	: <i>Digters van Dertig.</i>
OPPERMAN, D. J.	: <i>Groot Verseboek.</i>
VAN WYK LOUW, N. P.	: <i>Die Halwe Kring.</i>
LOUW, W. E. G.	: <i>Die Ryke Dwaas.</i>

Vraestel 4 (Nederlandse Letterkunde)

1. Oorsig oor die Nederlandse Letterkunde met toespitsing op die Beweging van Tagtig.
2. Voorgeskrewe werke.

Handboeke:

ANTONISSEN, ROB.	: <i>Digkuns van die Nederlande, Deel 2.</i>
STREUVELS, STIJN.	: <i>De Vlaschaard.</i>
RIJPMA en RIJPMA, (VERT. A. P. GROVE.)	: <i>Beknopte Geskiedenis van die Nederlandse Letterkunde</i>

**Vraestel 1 (Taalkunde)**

1. Fonologie.
2. Sintaksis
3. Semantiek.

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Handboeke:

VAN RENSBURG, M. C. J. e.a.	: <i>T.G.G.: 'n Eerste Oorsig.</i>
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Vraestel 2 (Afrikaanse Letterkunde)

- Literatuurteorie: 1. *Prosa*
Skets, kortverhaal, novelle, roman.
2. *Drama*
Hoorspeel, eenbedryf, versdrama, drama.

Voorgeskrewe werke:

MILES, JOHN	: <i>Liefs nie op straat nie.</i>
BARNARD, CHRIS	: <i>Duitwel-in-die-bos.</i>
VENTER, F. A.	: <i>Swart Pelgrim.</i>
LEROUX, E.	: <i>Een vir Azazel.</i>
BARNARD, CHRIS	: <i>Mahala.</i>
SMIT, BARTHO	: <i>Putsonderwater.</i>
BARNDARD, CHRIS	: <i>Die rebellie van Lafras Verwey.</i>
VAN WYK LOUW, N. P.	: <i>Germanicus.</i>
SMALL, ADAM	: <i>Kanna hy hō hystoe.</i>

Vraestel 3 (Middelnerlandse en Sewentiende-Eeuse Letterkunde)

- Hoofmomente uit die Middelnerlandse letterkunde.
Die Nederlandse Goue Eeu.

Voorgeskrewe werke :

VAN SCHAIK-UITGAWE	: <i>Beatrijs.</i>
DEKKER, G.	: <i>Van Hooft tot Luyken</i>
VAN DEN VONDEL, J.	: <i>Adam in Ballingschap.</i>

Vraestel 4 (Nederlandse Letterkunde)

Die Nederlandse Letterkunde van 1900 tot hede.

Voorgeskrewe werke :

ANTONISSEN, ROB	: <i>Digkuns van die Nederlande.</i>
VAN SCHENDEL, ARTHUR	: <i>Een Hollandsch Drama.</i>
CLAUS, HUGO	: <i>De Metsiers.</i>
WOLKERS, JAN	: <i>Een Roos van Vlees.</i>
CLAUS, HUGO	: <i>Een Bruid in de morgen.</i>

Vir besonderhede omtrent hierdie kursus moet die hoof van die Departement geraadpleeg word.



Spesiale Kursus
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Vraestel 1. Taalkunde.

- (a) Vormleer en sintaksis.
- (b) Idioom en spreekwoord.
- (c) Vertaling op sig uit Duits in Engels of Afrikaans en omgekeerd.
- (d) Stelwerk.
- (e) Begripstoets wat in Engels of Afrikaans beantwoord mag word.
- (f) Mondelinge toets.

Voorgeskrewe handboeke:

HERMANN KESSLER	: <i>Deutsch für Ausländer, Teil 1, 1a, 1b en 2.</i>
P. F. DORING	: <i>Colloquial German, McMillan, (S.A.).</i>

Vraestel 2. Literatuur.

Vrae wat in Engels of Afrikaans beantwoord mag word oor voorgeskrewe Duitse tekste (prosa en poësie).

Voorgeskrewe tekste :

DENEKE	: <i>Gestalten Deutscher Dichtung, Hirschgraben Verlag— Moderne Erzähler, Schoningh. 5 en 10</i>
PENGUIN PARALLEL TEXT	: <i>Deutsche Kurzgeschichten</i>
BERGENGRUEN	: <i>Das Tempelchen (Arche)</i>

Kursus I

(Twee vraestelle)

Vir studente wat die Spesiale Kursus voltooi het of Duits op matrikulasievlak geslaag het.

Dit word van studente verwag om aan taallaboratoriumwerk deel te neem.

Vraestel 1—Taal.

Voorsetting van die studie van vormleer en sintaksis.

Oefening in lees grammatika, praat en opstelskryf.

Vertaling op sig uit Duits in Engels / Afrikaans en omgekeerd.

Voorgeskrewe werke :

- Hermann Kessler* : Deutsch für Ausländer. Teil 2 en 2a.
Kaufmann : Wie sag' ich's auf Deutsch (Hueber).
Schablin : Kurze Deutsche Grammatik. (Hueber).
Treuheit : Deutsche Sprachkunde für höhere Schulen.

Vraestel 2: Letterkunde en Kultuur

Minstens die helfte van die vrae in hierdie vraestel moet in Duits beantwoord word

(a) Oorsig van die Duitse Kultuur- en literatuurgeskiedenis.

(b) Besondere Studie van voorgeskrewe werke (prosa, poesie en drama)

Vraestel 3: Stelwerk

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Voorgeskrewe werke :

- Grabert und Mulot* : Geschichte der Deutschen Literature (Bayer. Schulbuch Verlag).
Horn/Krüger : Deutsche Gedichte.
Kleist : Erdbeben in Chile (Reclam).
Lessing : Nathan der Weise.
Schiller : Wilhelm Tell.
Eichendorff : Aus dem Leben eines Taugenichts (Reclam).
Keller : Kleider machen Leute (Reclam).
Simmel : Begegnung im Nebel.
Buchner : Woyzeck (Reclam).
Brecht : Der Kaukasische Kreidekreis

Kursus II

(Drie vraestelle)

Vraestel 1. Taal en taalgeskiedenis; fonetiek.

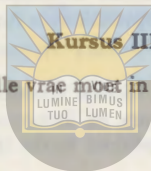
- SCHABLIN** : Kurze deutsche Grammatik (Hueber)
KAUFMANN : Wie sag ich's auf Deutsch (Hueber)
TREUHEIT : Deutsche Sprachkunde für höhere Schulen (Buchner) (Die tweede helfte van die boek)

Vraestel 2. Geskiedenis van die Duitse Letterkunde.

- KRELL** : Deutsche Literaturgeschichte für höhere Schulen (Buchner)

Vraestel 3. Voorgeskrewe Werke.

SCHÜBART	: Gedichte (Fischer-Bücherei)
DROSTE-HÜLSHOFF	: Gedichte (Fischer-Bücherei)
MÖRIKE	: Gedichte (Fischer-Bücherei)
FINCK	: Die Deutsche Ballade
LENZ	: Deutschstunde
EICHENDORFF	: Die Freier (Reclam)
HEBBEL	: Agnes Bernauer (Goldmann)
KLEIST	: Sämtliche Novellen
HEINE	: Aus den Memoiren des Herrn von Schnapelewopski (Reclam)
EICH	: Züge im Nebel
T. MANN.	: Tonio Krüger
G. KELLER	: Das Sinngedicht (Reclam)
HESSE	: Siddhartha
DÜRRENMATT	: Die Physiker



(Drie vraestelle. Alle vrae moet in Duits beantwoord word).

Vraestel 1. Taalkunde.

- (i) Taalgeskiedenis.
- (ii) Middel-Hoogduits.
- (iii) Taalgebruik. **University of Fort Hare**

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Handboeke :

DU PLOOY : Middel-Hoogduitse tekste.

Vraestel 2. Literatuurgeskiedenis.

(18de en 19de eeue met besondere studie van die klassieke en naturalisme).

Handboeke :

KUNZE/OBLAENDER : Grundwissen Deutsche Literatur (Klett Verlag).

Vraestel 3. Voorgeskrewe werke.

- (i) Kritiese waardering van voorgeskrewe werke.
- (ii) Inleiding in die literatuurwetenskap en/of vergelykende taalstudie (Xhosa-Duits)

Literatuur :

BRECHT	: Mutter Courage (Suhrkamp).
T. MANN	: Tristan (Reclam).
H. HESSE	: Peter Camenzind (Knaur).
W. FLEX	: Der Wanderer zwischen beiden Welten. (Schöningh).
WIECHERT	: Hirtennovelle (Kurt Desch Verlag).
DÜRRENMATT	: Die Physiker.
P. HANDKE	: Kaspar (Suhrkamp).
G. GRASS	: Die Plebejer proben den Aufatand (Fischer).
R. M. RILKE	: Gedichte (Reclam).
FEHSE	: Lyrik der Gegenwart. (Reclam).
Moderne Erzähler	: No. 10. (Schöningh).
H. KESSLER	: Deutsch für Ausländer. Teil 3b en 3D.

DEPARTEMENT AFRIKANISTIEK

(Antropologie, Argeologie en Ontwikkelingsbeleid en -administrasie)

ANTROPOLOGIE

Kursus I A en I B

(Antropologie IA bestaan uit vraestelle een en twee, terwyl Antropologie IB uit vraestelle een, twee en drie bestaan.)

Vraestel 1

- (a) Die gebied en taak van die vak
- (b) Die begrippe kultuur, samelewing en volk
- (c) Oorsig van die basiese Antropologiese verskynsels en beginsels in verband met Ekonomiese en Sosiale organisasie, godsdienslike stelsels en stelsels van Reg en Politieke organisasie

Vraestel 2

- (a) Oorsig van die Etniese samestelling en klassifikasie van die volkere van Afrika.
- (b) 'n Algemene Etnografiese studie van die Boesmans en Hottentotte
- (c) 'n Intensiewe Etnografiese studie van een Nguni groep (Mpondo) en een Sotho groep (Suid-Sotho of Bapedi).
- (d) Inleidende studie tot die probleme van akkulturasie in Suid-Afrika.

Vraestel 3

- (a) Inleiding tot die Fisiese Antropologie en Menslike Genetika.
 - (1) Omvang van die veld
 - (2) Antropometrie
 - (3) Inleiding tot die biologiese geskiedenis van die mens
 - (4) Die begrip ras en 'n studie van die verspreiding en indeling van die rasse van die wereld.

Kursus II

(Twee vraestelle)

Vraestel 1

- (a) 'n Intensiewe studie van die begrippe kultuur en samelewing.
- (b) Antropologiese teorieë i.v.m. Sosiale organisasie, Politieke organisasie, Ekonomiese organisasie, Godsdiens. ('n lys van leesstof sal deur die dosent aan studente verskaf word.)

Vraestel 2

- (a) Etnografie van Afrika.
 - (1) 'n Intensiewe studie van een kultuur buite Suid-Afrika: Die Azande of Nuer.
 - (2) 'n Intensiewe studie van of die Politieke stelsels of die stelsels van Verwantskap en Huwelik in Afrika.
- (b) Geselekteerde studies van volke en kulture van Oseanië.

Kursus III
(Drie vraestelle)

Vraestel 1.

- (a) 'n Studie van die verskillende Antropologiese strominge en benaderings, met besondere aandag aan die 20ste eeu.
- (b) Inleiding tot die metodes en tegnieke van veldwerk in die Antropologie.

Vraestel 2.

- (a) 'n Intensiewe studie van die prosesse van kultuurverandering in die algemeen, en van akkulturasie in 'n besondere gebied, of gebiede, by 'n besondere volk of volke.
- (b) Toepassing van die Antropologie in Naturelle-Administrasie, Sending, Opvoeding en Ekonomiese ontwikkeling in Afrika.

Vraestel 3.

Geselekteerde studie van volke en kulture uit twee van die volgende gebiede:

- (1) Noord- en Suid-Amerika.
- (2) Australië.
- (3) Asië.

(Vier vraestelle en 'n opstel)

Vraestel 1.

- (a) Intensiewe studie van die metodes en tegnieke van veldwerk in die Antropologie.
- (b) 'n Studie van die verskillende benaderings tot die bestudering van primitiewe gemeenskappe.

Vraestel 2.

- (a) Die geskiedenis van die Antropologie met spesiale verwysing na moderne tendense.
- (b) Geselekteerde teoretiese probleme uit die veld van die Antropologie.

Vraestel 3.

- (1) Geselekteerde onderwerpe van die volgende:
 - (a) Khoisan groepe in die Argeologie, tradisie en geskiedenis.
 - (b) Metodes van mondelinge geskiedenis en die toepassing daarvan in Suidelike Afrika.
 - (c) Bantoekeuns in Suidelike Afrika.
 - (d) Die vestiging, materiële kultuur en ontwikkeling van Bantoe groepe in die Argeologie en Etnologie.
 - (e) Fisiese verskille in Suidelike Afrika in die na-Pleistoseen.
- (2) Gevorderde studies in Fisiese Antropologie met verwysing na Suidelike Afrika.
 - (a) Somatologie.
 - (b) Konstitusionele en bio-tipes.
 - (c) Antrometrie (en laboratorium werk).
 - (d) Primatologie.
 - (e) Die evolusie van die mens.

Vraestel 4.

- (a) Inleiding tot Stedelike Sosiologie en Antropologie.
- (b) Intensiewe studie van die Bantoe se stedelike lewe in S.A. met 'n vergelyking van Wes-Afrika.

'n Opstel van 20-30 getikte folio-bladsye (10 000—15 000 woorde) oor 'n onderwerp op die gebied van die Antropologie, goedgekeur deur die Departementshoof, word vereis. Die opstel moet aantoon dat die student in staat is om selfstandig te werk. Die gehalte moet sodanig wees dat die stuk gepubliseer kan word.

Die Honneurseksamen sal in twee dele plaasvind; deel 1 bestaan uit die vraestelle en deel 2 uit die opstel.

ARGELOGIE

1. Argeologie is 'n tweejarige hoofvak. Studente word aangeraai om Argeologie 1 eers vanaf hulle tweede jaar te neem.
2. Antropologie I moet saam met of voor Argeologie II geneem word. Geskiedenis, Geografie en Geologie word aanbeveel.
3. Praktiese klasse word vir albei kursusse in Argeologie voorgeskryf.
4. Daar word van studente verwag om gedurende universiteitsvakansies veldwerk te doen wanneer daarvoor gereël word.

(Twee vraestelle en 'n praktiese eksamen)

Vraestel 1.

- (a) Doelstellinge, omvang en aard van Argeologie, Argeologie en opvoeding.
- (b) Basiese metodes en tegnieke in veldwerk, laboratoriumstudie en wyse van interpretasie van die argeoloog.
- (c) Paleoantropologie: 'n inleiding tot die konsep van die evolusie van die mens, nadruk op die prehistoriese menslike tipes van Suidelike Afrika.

Vraestel 2.

- (a) 'n Inleiding tot die Argeologie van die wêreld: die ontwikkeling van mens as jagter; die oorsprong en verspreiding van landbou; vroeë beskawing.
- (b) Die voorgeskiedenis van Suidelike Afrika.

Praktika.

- (a) Die studie van menslike skeletmateriaal.
- (b) Praktiese tegnieke in Argeologie.

Kursus II

(Drie vraestelle en 'n praktiese eksamen)

Vraestel 1.

- (a) Die geskiedenis en ontwikkeling van die Argeologie.
- (b) Gevorderde metodiek insluitende die gebruik van statistieke.
- (c) Die studie van die omgewings-agtergrond van die prehistoriese mens en sy beskawing.

Vraestel 2.

- (a) Inleiding tot die studie van die Primate.
- (b) Paleoantropologie: 'n intensiewe studie van die oorsprong en ontwikkeling van die mens.

Vraestel 3.

- (a) Die Argeologie van Afrika (met spesiale verwysing na 'n sekere gebied).
 (b) Prehistoriese kuns.

Praktika.

Veld- en laboratoriumtegnieke in die Argeologie en Fisiese Antropologie.

Honneurs**Argeologie Honneurs.**

Die Honneurs-kursus bestaan uit vier geskrewe vraestelle, 'n praktiese eksamen en 'n oorspronklike stuk praktiese werk onder toesig, saam met 'n skriftelike verslag daaroor. Hierdie kursus mag voltooi word binne 'n minimum tydperk van een akademiese jaar insluitende die daaropvolgende lang vakansie wanneer die praktiese werk afgehandel moet word. Daar word van studente verwag om gedurende ander vakansies veldwerk te doen wanneer daarvoor reëlings getref word.

Vraestel 1.

Geselekteerde probleme in die Voorgeskiedenis van Afrika.

Vraestel 2.

Gespesialiseerde praktiese, analitiese en vertolkende benaderings en tegnieke in Argeologie.

Vraestel 3.

Een of meer onderwerpe van die volgende:

- (a) Kwaternêre geologiese studies in Suidelike Afrika.
 (b) Fauna-oorblyfsels en hulle vertolking in die Argeologie.
 (c) Palinologie, flora en klimaat.
 (d) Litiese analise en statistiese tegnieke.
 (e) Argeologie van die Ystertydperk en die verband met mondelinge en geskrewe geskiedenis.

Vraestel 4.

Een of meer onderwerpe van die volgende:

- (a) Gevorderde werk in Fisiese Antropologie.
 (b) Etnologie van Suidelike Afrika.
 (c) Ander gespesialiseerde terreine.

Vraestel 5.

'n Verslag oor resultate van veldwerk of laboratoriumnavorsing wat die kandidaat onder die Departement se toesig gedoen het. Hierdie verslag moet geskik wees vir publikasie en bewys lewer van literatuurnavorsing en oorspronklike insig in verband met die onderwerp.

Vraestel 6.

'n Verslag oor resultate van veldwerk of laboratoriumnavorsing wat die kandidaat onder die Departement se toesig gedoen het. Hierdie verslag moet geskik wees vir publikasie en bewys lewer van literatuurnavorsing en oorspronklike insig in verband met die onderwerpe.



University of Fort Hare

Together in Excellence

ONTWIKKELINGSBELEID EN -ADMINISTRASIE

Kursus I

(Twee vraestelle)

Vraestel 1.

1. Inleiding tot die studieveld: ontstaan, teoretiese beskouinge, terminologie, bronne, ens.
2. Historiese en chronologiese oorsig van verhoudingsbeleid en administrasie in Suid-Afrika.
3. Oorsig van die sentrale organisasie vir die administrasie van Bantoesake in Suid-Afrika.

Vraestel 2.

1. Inleiding tot die teorie van ontwikkelingsadministrasie.
2. Stadswaardse migrasie van die Bantoe en aanverwante probleme.
3. Bantoe-onderwys en -belasting.
4. Die Bantoegebiede:
 - 4.1. Ontstaan, fisiese eienskappe, bevolking.
 - 4.2. Ekonomiese ontwikkeling.
 - 4.3. Staatkundige ontwikkeling (insluitende plaaslike bestuur).
 - 4.4. Regte van Bantoe op grond.

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 (Twee vraestelle)

Vraestel 1.

1. Staatkundige ontwikkeling in die S.A. Bantoe tuislande (insluitende plaaslike bestuur).
2. Die Bantoe in die S.A. Ekonomie.
3. Regspleging t.o.v. die Bantoe—die administrasie van die reg.
4. S.A. beleidsrigtings en vergelykings met ander wêrelddele.
5. Administratiewe stelsel in die nie-Bantoegebiede.

Vraestel 2.

1. Die ekonomiese ontwikkeling van die Bantoegebiede.
2. Verstedeliking; (vervolg) akkulturasie, sosiale probleme, ens.
3. Onderwys in Afrika (vergelykend).
4. Ontwikkeling en die ontwikkelingsproses, faktore wat ontwikkeling beïnvloed.
5. Verdere studie van die vakgebied met aandag aan 'n multi-dissiplinêre benadering en veral die verwantskap van die sosiale wetenskappe en administrasie.

Kursus III

(Drie vraestelle)

Vraestel 1.

1. Gevorderde studie van multi-dissiplinêre benaderings tot en teorie in ontwikkelingsadministrasie.
2. Onderwys as ontwikkelingsdeterminant.
3. Ekonomiese ontwikkeling in onder-ontwikkelde lande.
4. Die administrasie van gemeenskapsontwikkeling.

Vraestel 2.

1. Vergelykende Afrikareg—administratief.
2. Staatskundige ontwikkeling van ontwikkelende lande met besondere aandag aan Afrika.
3. Moderne plaaslike bestuur in Afrika.

Vraestel 3.

1. 'n Vergelykende studie van die administratiewe stelsels soos toegepas deur die Franse, Belgiese, Portugese en Britse koloniale moonthede.
2. Rasseverhoudinge en beleidsrigtings in veclrassige en veelvolkige gemeenskappe (S.A., V.S.A., ens.).

Honneurs

Die eksamen bestaan uit vyf vraestelle en mag in twee dele afgelê word. Deel I bestaan uit vraestelle 1, 2 en 3, en Deel II bestaan uit vraestelle 3 en 4.

Vraestel 1.

- (a) Verskeie ondersoekmetodes en besondere vraagstukke met betrekking tot objektiewe bronnestudies; en individuele en groepsveldwerk, ook in ekonomies minder-ontwikkelde gebiede; tegniese versorging en wetenskaplike sistemativering van ingesamelde data. (Verdere aandag sal gegee word aan die verskillende navorsingsmetodes wat van toepassing is in elke vraestel).
- (b) 'n Intensiewe studie van historiese en hedendaagse beleidsrigtings met betrekking tot die verhoudings tussen die verskillende bevolkingsgroepe in Suid-Afrika. Aandag word geskenk aan bv. die beleidsrigtings van Sir George Grey, Sir Theophilus Shepstone en die republieke van Transvaal en die O.V.S.; die botsende beleidsrigtings met unifikasie, die beleid van Genl. J. B. M. Hertzog, en die hedendaagse alternatiewe beleidsrigtings van afsonderlike ontwikkeling en integrasie.

Vraestel 2.

Die beginsels van ontwikkelingsadministrasie. Aandag word geskenk aan die volgende aspekte:

- (i) Politieke subsisteem;
- (ii) administratiewe subsisteem;
- (iii) ekonomiese subsisteem;
- (iv) gemeenskapsontwikkeling;
- (v) onderwys as ontwikkelingsdeterminant;
- (vi) internasionale hulpverlening;
- (vii) antropologiese oorwegings;
- (viii) demografiese aspekte.

Vraestel 3.

- (a) 'n Vergelykende studie van die praktiese toepassing van ontwikkelingsbeginsels in ontwikkelende lande. ('n Gevallestudie van die toepassing van die beginsels soos in Vraestel 3 bestudeer).
- (b) Die toepassing van ontwikkelingsadministrasie in 'n spesifieke gebied in Afrika.

Vraestel 4.

'n Vergelykende studie van rasseverhoudinge; beleidsrigtings en probleme in veel-rassige lande, insluitende:

- (i) rassevooroordeel;
- (ii) rassehoudinge;
- (iii) politieke stelsels in veelrassige gemeenskappe;
- (iv) industrialisasie en rasseverhoudinge, en
- (v) 'n beknopte studie van akulturasie.

(Studente wat Antropologie as 'n hoofvak vir die B.A.-graad geneem het, hoef nie hierdie onderafdeling te doen nie. In sulke gevalle sal alternatiewe studie-materiaal vir hierdie onderafdeling voorgeskryf word.)

Vraestel 5.

Die teoretiese agtergrond en ontwikkelingskenmerke van plaaslike bestuur in Afrika.

of

Vraagstukke wat spruit uit die verstedeliking van inheemse bevolkings in Afrika suid van die Sahara; beheer en administrasie in stedelike gebiede.

Enige goedgekeurde onderwerp gekies in oorlegpleging met die Hoof van die Departement.



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DEPARTEMENT BANTOETALE

Kursusse word aangebied in Xhosa en Suid-Sotho.

In die geval van Xhosa beteken „groep” die Nguni-groep, en in die geval van Suid-Sotho dui dit op die Sotho-groep.

'n Spesiale kursus kan slegs deur 'n student geneem word wat nie in 'n taal uit dieselfde groep gematrikuleer het nie.

Spesiale Kursus

(Twee vraestelle)

Vraestel 1.

Afdeling A.

Die beginsels van fonetiek en fonologie van die taal. (25%)

Afdeling B.

'n Eenvoudige verduidelikende studie van die morfologie en sintaksis van die taal; oefeninge in die praktiese gebruik van die taal. (75%)

Vraestel 2.

Afdeling A.

Vertalings (30%)

Afdeling B.

Opstel (30%)

Afdeling C.

Literatuur. Voorgeskrewe werke. (40%)



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Kursus I

(Twee vraestelle)

Vraestel 1.

Afdeling A.

Beginsels van die fonetiek en fonologie van die taal. (40%)

Afdeling B.

Morfologie en sintaksis van die taal. (60%)

Vraestel 2.

(a) 'n Letterkundige studie van die voorgeskrewe werke. (80%)

(b) Die basiese beginsels van letterkunde. (20%)

Kursus II

(Drie vraestelle)

Vraestel 1.

Vergelykende taalkunde van die hooftaal en 'n ander taal uit dieselfde groep. (100%)

Vraestel 2.

Afdeling A.

'n Studie van die letterkunde van die betrokke taal in die wyer raamwerk van wêreld-letterkunde en die letterkunde, denke en folklore van Afrika as geheel. (50%)

Afdeling B.

Moderne literatuur, 'n studie van die geskiedenis en ontwikkeling van moderne literatuur (drama, roman, digkuns ens. van die taal). (50%)

Vraestel 3.

Literatuur. Voorgeskrewe werke met meer klem op letterkundige kritiek. (100%)

Kursus III

(Vier vraestelle)

Vraestel 1.

Vergelykende taalkunde van die groep van die hooftaal. (100%)

Vraestel 2.

Vergelykende Bantoe taalkunde met verwysing na:

- (a) Die algemene beginsels wat ten grondslag van die rekonstruksie van Oertale lê; Oer-Bantoe; klankverskuiwing van Oer-Bantoe na die hooftaal.
- (b) Die kenmerke van die Bantoetaalfamilie.
- (c) Die klassifikasie van die tale van die gebied en die kenmerke van die gebied waaraan die hooftaal behoort.
- (d) Die klassifikasie van die dialekte en die kenmerke van die groep waaraan die hooftaal behoort.
- (e) Enkele aspekte van vergelykende Bantoetaalkunde met betrekking tot die betrokke gebied, by. fonologiese wette, klassooreenstemming. (100%)
- (f) Geskiedenis van die ontwikkeling van die hooftaal.

Vraestel 3.

Gevorderde letterkundige kritiek. Voorgeskrewe werke. (100%)

Vraestel 4.

'n Voortsetting van die studie van die letterkunde van die taal in sy wyer verbande. (100%)

Honneurs**Voorvereistes**

- (a) Voor die aanvang van sy/haar studies vir die Honneursgraad moet die student slaag in 'n derde kursus in een Bantoetaal, en 'n spesiale kursus in 'n ander een.
- (b) Studente moet vier vraestelle kies in oorleg met die Departementshoof. Minstens een vraestel moet uit elke afdeling gekies word.
- (c) Studente wat drie vraestelle uit Afdeling A neem, moet in besit wees van Kursus I in die tweede Bantoetaal. Hierdie kursus mag gelyktydig met die Honneurskursus geneem word.
- (d) Studente wat drie vraestelle uit Afdeling B neem, moet in besit wees van Volkekunde I. Hierdie kursus mag gelyktydig met die Honneurskursus geneem word.
- (e) 'n Student wat slegs twee vraestelle uit elke afdeling neem, mag kies tussen die eerste kursus in die tweede Bantoetaal, en Volkekunde I.
- (f) Studente wat Vraestel 10 neem, word sterk aangeraai om 'n leeskenis van Frans te bekom. Voorsiening hiervoor word in die taallaboratorium gemaak. In hierdie verband sal 'n eenvoudige toets afgeneem word, maar geen punte sal daarvoor toegeken word nie.

- (g) Afgesien van die vraestelle onder (b) gekies, lewer 'n kandidaat ook 'n artikel van ongeveer 10,000 woorde oor 'n goedgekeurde onderwerp in voor die voltooiing van die geskrewe gedeelte van die eksamen. Hierdie artikel neem die plek van 'n vyfde vraestel, en punte sal toegeken word soos vir 'n eksamen-vraestel.
- (h) Met spesiale toestemming van die Departementshoof mag 'n vyfde vraestel die plek van die artikel neem.

Leerplan

Afdeling A

1. (a) Fonetiek
(b) Fonologie
2. Prosodiek (mag slegs geneem word as 1. ook geneem word)
3. (a) Morfologie
(b) Sintaksis
(c) Semantiek
4. Die Bantoetale (klassifikasie, kenmerke ens.)
5. *Folklore* in die algemeen en in Afrika besonderlik.
6. Bantoeletterkunde.
7. Moderne prosa van die hooftaal.
8. Moderne dramatiek van die hooftaal.
9. Moderne digkuns van die hooftaal.
10. Die letterkunde en denke van Afrika.

N.B.—Uit vraestelle 7, 8 en 9 mag 'n student nie meer as twee neem nie.

XHOSA

Voorgeskrewe Werke

Spesiale Kursus

Taal :

Jordan : *A practical course in Xhosa* (Longman)

Letterkunde :

Jordan : *Kwexo Mpindo zeTsitsa* (Lovedale)

Sinxo : *UNomsa* (Lovedale)

Kursus I

Taal :

Jordan : *A practical course in Xhosa* (Longman)

Ziervogel : *Handbook of the Zulu Language* (Van Schaik)

Drama :

Mtywaku : *UNcumisa noNqabayakhe* (van Schaik)

Mmango : *Law' ilahle* (Lovedale)

Poësie :

- Huna : *Ulindipasi* (Via Afrika)
 Qangule : *Intshuntshe* (van Schaik)

Prosa :

- Jolobe : *Elundini loThukela* (Lovedale)
 Jongilanga : *Apha naphaya* (Via Afrika)
 Jordan : *Kwezo Mpindo zeTsitsa* (Lovedale)
 Qangule : *Izagweba* (Educum)

Kursus II**Taal :**

- Doke : *Text book of Zulu Grammar* (Longman)

Drama :

- Mmango : *UDike noCikizwa* (A.P.B.)

Poësie :

- Jolobe : *Umyezo* (Wits. Univ. Press)

Prosa :

- Tamsanqa : *Ukuba ndandazile* (Oxford Univ. Press)
 Tamsanqa : *Inxala kaMlungisi* (Oxford Univ. Press)
 Tsamsanqa : *Imitha yelanga* (Oxford Univ. Press)
 Sinxo : *UNojayini wam* (Lovedale)

Kursus III**Taal :**

- Doke : *Text book of Zulu Grammar* (Longman)
 Ziervogel : *A Grammar of Swazi* (Wits. Univ. Press)

Drama :

- Mbulawa : *Mamfene* (Shuter and Shooter)
 Jongilanga : *Ndiyekeni* (Educum)

Poësie :

- Nyoka : *Uhadi* (Maskew Miller)
 Yako : *Ikhwezi* (Lovedale)
 Mqhayi : *Inzuzo* (Wits. Univ. Press)

Prosa :

- Ngani : *Umqol' uphandle* (Via Afrika)
 Jordan : *Ingqumbo yeminyanya* (Lovedale)
 Mqhayi : *Ityala lamawele* (Lovedale) ...
 UMqhayi waseNtabozuko (Lovedale)
 UDon Jadu (Lovedale)
 UAdonisi wasentlango (Lovedale)

Alle Xhosa Studente, Kursusse I-III

- Damane and Sanders : *Lithoko—Sotho praise poems* (Oxford Univ. Press)
 Grace : *Response to Literature* (McGraw-Hill)
 Kriel : *An African Horizon* (Permanent Publishing House, Rondebosch, Cape Town)
 Kunene : *Heroic poetry of the Basutho* (Oxford Univ. press)
 Ntuli : *Imitation in Zulu poetry* M.A. Thesis,* UNISA.
 Qangule : *Igqudu* (Gouws and Gouws, Cape Town)
 Qangule : *A study of conflict and theme in A. C. Jordan's Inggumbo yeminyanya*, M. A. Thesis,* UNISA.
 Scheub : *The Xhosa ntsomi* (Oxford Univ. Press)

*The Theses are available from the library.



Voorgeskrewe Werke

Taal :

- Ferreira : 'n *Leerboek vir Suid-Sotho* (van Schaik)
 Jordan : *A Practical Course in Xhosa* (Longman)

Letterkunde :

- Mofokeng : *Pelong ya ka* (Wits. Univ. Press)
 Germond (ed.) : *Padiso tsa Sesotho, Book II* (Moriija)

Kursus I

Taal :

- Doke Mofokeng : *Textbook of Southern Sotho Grammar* (Longman)
 Guma : *An Outline Structure of Southern Sotho* (Shuter and Shooter)
 Khaketla : *Sebopeho sa Sesotho Karolo 1* (A.P.B.)
 Ziervogel (ed.) : *Handbook of the Speech Sounds and Sound Changes of the Bantu Languages of South Africa* (van Schaik)

Poësie :

- Khaketla : *Dipjhamathe* (Johannesburg Afrikaanse pers)

Romanse :

- Ntsane : *Nna Sajene Kokobela* C.I.D. (A.P.B.)
 Guma : *Tshehlana tseo tsa Basia* (Shuter and Shooter)

Drama :

- Motsieloa : *Thabiso le Dirontsho* (Bona Press)

Kortverhale :

- Mofokeng : *Leetong* (Wits. U.P.)

Kursus II

Taal :

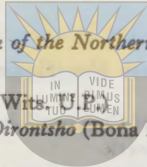
- Cole : *An Introduction to Tswana Grammar* (Longmans)

Poësie :

- Ntsane : *Mmusu-pelo* (A.P.B.)

- Drama :**
 Khaketla : *Mosali eo u 'neileng eena* (Morija)
- Roman :**
 Mofolo : *Chaka* (Morija)
- Kortverhale :**
 Mofokeng : *Leetong* (A.P.B.)
 Mofokeng : *Pelong ya ka* (Wits. U.P.)
- Spesiale Skrywer :**
 Khaketla : *Bulane* (Johannesburg Afrikaanse Pers)
Meokgo ya thabo (A.P.B.)
Mosali a nkhola (A.P.B.)
Moshoeshoe le Baruti (Morija)
Tholoana tsa Sethepu (Morija)

Kursus III



- Taal :**
 Ziervogel : *A Handbook of the Northern Sotho Language* (van Schaik)
- Drama :**
 Mofokeng : *Senkatana* (Wits. U.P.)
 Motsieloa : *Thabiso le Dirontsho* (Bona Press)
- Poësie :**
 Ntsane : *Mmusa-nelo, 11* (A.P.B.)
 Mokhomo : *Sebatatso* (A.P.B.)
- Romanse :**
 Khaketla : *Mosali a nkhola* (A.P.B.)
 Nqheku : *Arola naheng ya Maburu* (Mazenod)
- Spesiale Skrywer :**
 Mofolo : *Chaka* (Morija)
 : *Pitseng* (Morija)
 : *Moeti wa Botjhabela* (Morija)

DEPARTEMENT BIBLIOTEEKWETENSKAP

Kursus 1

(Twee drie-uur vraestelle)

Vraestel 1.

Katalografie.

- (a) Klassifikasie: Teorie van klassifikasie, die Dewey-stelsel, praktiese werk.
 (b) Katalogisering: Teorie van katalogisering, die Anglo-Amerikaanse kode, praktiese werk.

Vraestel 2.

Biblioteek-organisasie.

- (a) Intern: Departementalisasie, leensisteme, biblioteekstandaarde.
 (b) Ekstern: Nasionale biblioteek, provinsiale biblioteekdienste, spesiale biblioteke, skoolbiblioteke. Biblioteekwetgewing en Departementele instruksies. Biblioteekverenigings.

Kursus II
(Twee drie-uur vraestelle)

Vraestel 1.

- (a) Bibliografie
- (b) Dokumentasie
- (c) Naslaanwerk: Bronne en metodes van naslaanwerk. Die belangrikste naslaanwerke.

Vraestel 2.

- (a) Boekevoorraad.
- (b) Boekseleksie.
- (c) Leserkunde.

Kursus III
(Drie drie-uur vraestelle)

Vraestel 1.

Geskiedenis van skrif, van die boek, en van die ontwikkeling van die drukkuns.

Vraestel 2.

Gevorderde Katalografie.

- (a) Klassifikasie: Bibliografiese klassifikasie, klassifikasiestelsel— Universele Desimale klassifikasie, "Library of Congress", kolon klassifikasie. Praktiese werk.
- (b) Katalogisering: Vervolgguitgawes en periodieke uitgawes. Die trefwoordkatalogus. Keuse van trefwoorde (Sears). Praktiese werk.

Vraestel 3.

Ooreenkomste en verskille tussen Biblioteke en Museums en Argiewe. Organisasie, Funksie, Materiaal, Gebruik.

Kursus IV
(Drie drie-uur vraestelle)

Vraestel 1.

Biblioteekgeskiedenis.

Vraestel 2.

Ontsluiting van inligtingsbronne. Automatisasie.

Vraestel 3.

Biblioteekbestuur.

- (a) Keuse en beheer van personeel
- (b) Organisasie
- (c) Komitee-werk.

Honneurs

Na raadpleging met die Hoof van die departement kies kandidate onderwerpe uit elk van die volgende vraestelle:

Vraestel 1.: Filosofie en historiografie van die Biblioteekwetenskap, en historiese biblioteekwese.

Vraestel 2.: Biblioteekbestuur.

Vraestel 3.: Katalografie.

Vraestel 4.: Dokumentasie.

Vraestel 5.: Leserkunde.

BYBELKUNDE

(Vir B.A. en B.Ped.)

Kursus I

(Een vraestel)

Afdeling A: Ou testament.

- (a) Bybelse Oudheidkunde.
- (b) Algemene inleiding tot bestudering van Ou Testamente (Tekse, Kanon, Vertalings).
- (c) Oorsig van die geskiedenis van Israel vanaf die begin tot op die verwoesting van die Eerste Tempel.

Afdeling B: Nuwe Testament.

- (a) Bybelse Geografie.
- (b) Algemene inleiding tot bestudering van Nuwe Testament (Tekse, Kanon, Vertalings)
- (c) Oorsig van die geskiedenis en inhoud van die Nuwe Testament I.

Vraestel 1: Ou Testament.

- (a) Spesiale Inleiding tot die Ou Testament letterkunde vanaf die begin tot die Ballingskap.
- (b) Inleiding tot die letterkundige vorms en tipes van die Ou Testament.
- (c) Oorsig van die geskiedenis van Israel vanaf die verwoesting van die Eerste Tempel tot die verwoesting van die Tweede Tempel.
- (d) Ou Testamentiese Teologie (Deel I).

Vraestel 2: Nuwe Testament.

- (a) Oorsig van die geskiedenis en inhoud van die Nuwe Testament II.
- (b) Inleiding tot die letterkunde van die Nuwe Testament I.
- (c) Inleiding tot die letterkundige vorms en tipes van die Nuwe Testament.
- (d) Nuwe Testamentiese Teologie (Deel I).

Kursus III**Vraestel 1: Ou Testament**

- (a) 'n Inleiding tot die Ou-Testamentiese letterkunde na die ballingskap.
- (b) Ou Testamentiese Teologie (Deel II).
- (c) Die Geskiedenis van die Godsdienst van Israel.

Vraestel 2: Nuwe Testament.

- (a) Inleiding tot die Nuwe Testamentiese letterkunde (Deel II).
- (b) Nuwe Testamentiese Teologie (Deel II).
- (c) Inleiding tot Nuwe Testamentiese Etiek

Vraestel 3: Bybel en Kerk.

- (a) Die Bybel in die Vroeë Kerk
- (b) Die Bybel in die Reformasie
- (c) Die Bybel in die Roomse Katolieke Kerk
- (d) Die Bybel en die Sendeling

Afdeling B: Nuwe Testament.

- (a) Nuwe Testamentiese Tekskritiek.
- (b) Beginsels van die Nuwe Testamentiese Hermeneutiek.
- (c) Oefeninge in die verklaring van die Nuwe Testament met die Engelse vertalings as grondslag.

Honneurs

Kandidate wat vir die graad Honneurs B.A. (Bybelkunde) inskryf moet Hebreeus I en Grieks IA slaag voordat die Graad aan hulle toegeken sal word.

B.Ped. studente wat Bybelkunde IV volg skryf Vraestelle I, II en V.

Vraestel 1:

- (a) 'n Oorsig van die Oudheidkunde en geskiedenis van die Ou Nabye Ooste, belangrik vir die lewe en instellings van Ou Israel.
- (b) 'n Studie van die tussen-Testamentiese tydperk en sy kulturele, letterkundige en ideologiese agtergrond.
- (c) Kultuurhistoriese en religieuse agtergrond van die Nuwe Testamentiese tyd.

Vraestel 2:

- (a) 'n Geskiedkundige en kritiese bestudering van die toonaangewende skole van die Ou-Testamentiese bestudering.
- (b) 'n Geskiedkundige en kritiese bestudering van die toonaangewende skole van Nuwe-Testamentiese bestudering.

Vraestel 3:

- (a) Teologie van die Ou Testament.
- (b) Teologie van die Nuwe Testament.

Vraestel 4:

- (a) Eksegetiese studie van 8 hoofstukke uit die Ou Testament (4 met behulp van „R.S.V.” en 4 met behulp van Hebreeuse Tekse).
- (b) Eksegetiese studie van 8 hoofstukke uit die Nuwe Testament (4 met behulp van „R.S.V.” en 4 met behulp van Griekse Tekse).

Vraestel 5: Geloofs en Sedeleer

- (a) Grepe uit die Sistematiese Teologie
- (b) Grepe uit die Teologiese Etiek.

DEPARTEMENT ENGELS

The courses cover topics arising from the study of the works prescribed. Direct reading of these works is more important than knowledge of what historians of literature say about them; but it is expected that students will regularly consult:

- (a) The Oxford Companion to English Literature, The Cambridge History of English Literature, the relevant articles in The Encyclopaedia Britannica, and Chamber's Encyclopaedia, and the Dictionary of National Biography.
- (b) Current criticism in at least two of the following: The Spectator, The Observer, The New Statesman, The Times Literary Supplement, The Critical Quarterly, A Review of English Literature, Encounter, The Sewanee Review, The Partisan Review.

Practical English

This course is intended for students desiring to take an academic course in English in which the emphasis is on language and communication rather than on the close study of literature. Its purpose is to train students in clear thinking and precise and lucid expression. The course aims at providing knowledge of and practice in the various registers of English which may be useful to students reading for degrees other than an Arts degree. It includes training in the use of English in various practical situations in life, such as, attendance at meetings, elections to committees, handling of reports, notices and communications of various kinds, correspondence by letter, and proof-reading.

The Practical English Course does not lead on to English II (except in very exceptional cases, to be decided by the Head of the Department).

Two papers will be set.

Paper 1 will cover questions on:

Style (the styles of persuasion, including advertisements, exposition, description, narration, etc.)

Letter-writing

Clear communication (words and mishandling of words, emotive and referential meaning of words, definitions, syllogisms, sentence construction and rhythm in language)

Comprehension.

(Summaries, Précis, Reports, Minutes, Agenda, Simple Press Reports and State-

ments) Figures, Statistic and Diagrams in Language

Scientific terms and scientific writing.

Paper 2 will be set on the three prescribed works which will be studied mainly from a language and style point of view. This paper will also include a question on comprehension and interpretation of *two* passages, one from the prescribed works and one unseen.

Work in the Language Laboratory will be compulsory and an oral test may be set at the end of the year.

Course I

The method of commenting on prescribed texts should generally take the form of essays embodying Practical Criticism.

Paper 1.

- (a) Modern English Usage.
- (b) English Phonetics.
- (c) Practical Criticism.

Paper 2.

- (a) Detailed study of three novels.
- (b) Detailed study of three Shakespearian plays.
- (c) Detailed study of certain poems.

Course II

The method of commenting on prescribed texts should generally take the form of essays embodying practical criticism.

Paper 1.

Detailed study of selections of the "Metaphysical" poets, Pope, Hopkins, D. H. Lawrence.

Practical criticism.

Paper 2.

Detailed study of four novels, five plays, and an anthology of short stories.

Paper 3.

Literary linguistics. Candidates will be tested on their ability to interpret texts in the following, and on their understanding of topics arising from the works prescribed:

Middle English, Phonetics, Poetics. A survey of critical tradition: Plato, Aristotle, Horace, Longinus.

Course III

The method of commenting on prescribed texts should generally take the form of essays embodying practical criticism.

Paper 1.

Detailed study of selections from the work of Milton, Blake, Wordsworth, Yeats, T. S. Eliot.

Practical criticism.

Paper 2.

Detailed study of five plays.

Paper 3.

Detailed study of seven novels, and of their part in the tradition of the English novel.

Paper 4.

Literary Linguistics. As for Course II, Paper 3, with reference to a further series of texts.

Poetics. Critical tradition from Plato to the present day.

Honours

A choice, subject to the approval of the Head of the Department, of *five* of the following papers:

Paper 1.

Literary Criticism.

Paper 2.

The 14th and 15th Centuries.

Paper 3.

1558—1625.

Paper 4.

1635—1700.

Paper 5.

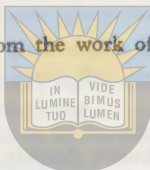
1700—1784.

Paper 6.

1784—1832.

Paper 7.

The Modern Period.



University of Fort Hare
Together in Excellence

Paper 8.

A special Author or Topic selected from

- (a) African literature in English.
or
(b) A topic approved by the Head of the Department.

Paper 9.

Subject to the approval of the Head of the Department, a candidate may elect to submit an extended essay of not more than 10,000 words in place of one of the above submit an extended essay of not more than 10,000 words in place of one of the above submit an extended essay of not more than 10,000 words in place of one of the abovesub examination papers.

Prescribed Books**Practical English**

- T. D. Tosswell : *Using English* (G. Bell & Sons, London, 1965)
A. Lennox-Short : *Effective Expression: A Course in Communication*. (Evans)
Shakespeare : *Julius Caesar* (New Swan Series OR New Penguin Shakespeare Series)
Lord David Cecil : *English Short Stories of My Time* (O.U.P.)
George Orwell : *Animal Farm* (Penguin)

Course I**Paper 1.**

- (a) C. W. Turl : *Complete English Revision Course* (G. Bell & Sons)
(b) ed. Beeton, : *The Art of Communication* (O.U.P., Cape Town, 1974)
Maxwell-Mahon
and Goedhals
(c) Heese & Lawton : *The Owl Critic*. (Nasou Ltd.)
(d) The Concise Oxford Dictionary.
(e) Daniel Jones : *English Pronouncing Dictionary*. (Dent, Dutton)
(f) Anthony Burgess : *English Literature (a Survey for Students)* (Longman)

Paper 2.

- (a) Shakespeare : *Macbeth* (New Swan or New Penguin Shakespeare Series)
Henry IV (Part 1) (New Swan or New Penguin Shakespeare Series)
As You Like It. (New Swan or New Penguin Shakespeare Series)
(b) *Modern Poems* : (Edited by Michael Thorpe). (O.U.P.)
George Eliot : *The Mill on the Floss* (Nelson)
Joseph Conrad : *Youth* (Everyman Paperback, Dent)
D. H. Lawrence : *Sons and Lovers* (Penguin)

Course II**Paper 1.**

- (a) D. H. Lawrence : *Selected Poems* (ed. Keith Sagar; Penguin Poets)
(b) *The Metaphysical Poets* (Penguin)
(c) Pope : *The Rape of the Lock and Essay on Man*. (Everyman or Oxford Standard Authors)

- (c) George Eliot : *Middlemarch*. (The World's Classics, O.U.P.)
 (d) Chinua Achebe : *Things Fall Apart*. (Heinemann).
 (e) James : *The Portrait of a Lady*. (The World's Classics, O.U.P.)
 (f) Lawrence : *The Rainbow*. (Penguin)
 (g) E. M. Forster : *A Passage to India*. (Penguin)

Paper 4.

- (a) Poetics : Enright and de Chickera: *English Critical Texts* (O.U.P.).
 (b) Middle English : *Sir Gawain and the Green Knight* (Tolkien and Gordon or Israel Gollancz, O.U.P.)
 (c) Phonetics : Daniel Jones: *English Pronouncing Dictionary* (Dent, Dutton)

Honours

List of prescribed works obtainable on application from the Head of the Department.

DEPARTEMENT GESKIEDENIS**Algemene Opmerkings :**

Studente wat voornemens is om Geskiedenis as 'n hoofvak te kies, word ten sterkste aangeraai om

- (a) minstens een kwalifiserende kursus in of Staatsleer of Antropologie of Aardrykskunde of Ekonomie of Wysbegeerte of Sosiologie te neem en
 (b) 'n leeskenis van Afrikaans te bekom.

Kursus I

Vraestel 1. 'n Oorsig van die geskiedenis van die Westerse beskawing vanaf sy ontstaan tot en met die Hervorming.

Vraestel 2. Die Ontdekkingsreise, (met verwysing na Arabiese en Europese beriggewing oor die volkere van Afrika) en die Geskiedenis van Suid-Afrika tot 1795.

Kursus II

Vraestel 1. Europese Geskiedenis, 1556-1815.

Vraestel 2. Geskiedenis van Suid-Afrika, 1795-1881, met insluiting van

- (a) die Britse koloniale beleid in die tydperk en
 (b) die vestiging van die Zoeloe en Suid-Sotho en Oos-Kaapse Nguni.

Kursus III

Vraestel 1. Europese Geskiedenis na 1815.

Vraestel 2. (a) Die Nuwe Imperialisme na 1870 en die opkoms van die anti-kolonialisme, met spesiale verwysing na die geskiedenis van Afrika (Suid-Afrika ingesluit).

- (b) Inleiding tot die Wysbegeerte en Metodeleer van die Geskiedenis en Historiografie.

Vraestel 3. Aspekte uit die geskiedenis van Suid-Afrika na 1881.

Honneurs**Algemene Opmerking :**

'n Leeskenis van die twee amptelike tale word veronderstel, en 'n leeskenis van Duits en/of Frans word sterk aanbeveel.

Die eksamen bestaan uit die volgende vyf vraestelle:—

Vraestel 1. Metode, Tegniek en Teorie van die Geskiedenis.

Vraestel 2. Historiografie en Wysbegeerte van die Geskiedenis.

Vraestel 3. 'n Dokumentêre studie oor een van die volgende:

- (a) Die rewolusionêre tydperk in Europa en Amerika, 1760-1800, met besondere verwysing na temas uit die Amerikaanse Rewolusie.
- (b) Die ontdekkings tydperk tot by die stigting van die Kaapse Volksplanting met besondere nadruk op die Van Riebeeck-tydperk.
- (c) Aspekte van die Kaapse Oosgrens-geskiedenis gedurende die eerste helfte van die 19e eeu.
- (d) Die verenigings- en federasiestrewe in Suid-Afrika, 1854-1910, met dokumente-studie oor die totstandkoming van Unie in 1910.
- (e) Europese belangstelling in die Suid-ooskus van Afrika, 1600-1800.

Vraestel 4. Twee van die volgende:

- (a) Bevolkingsverskuiwings van die suidelike Bantoe.
- (b) Die geskiedenis van òf die suidelike Nguni òf noordelike Nguni òf Suid-Sotho.
- (c) Die geskiedenis van die Monomotapa-Zimbabwe kompleks.
- (d) Die historiese verhouding en kontak tussen die Bantoe en Khoizan.
- (e) Aspekte van die geskiedenis van die Transkei of/en Ciskei.

Vraestel 5. Een van die volgende:

- (a) Die V.S.A. in die 19de en 20ste eeu.
- (b) Kommunistiese Rusland en China in die moderne wêreld.
- (c) Die opkoms van moderne Japan.
- (d) Internasionale betrekkinge 1890-1945.

Ministerie van Onderwys
M.A.
Together in Excellence

Daar word van 'n M.A.-student verwag om 'n verhandeling te voltooi oor 'n onderwerp wat na oorlegpleging met die hoof van die Departement, deur die Senaat goedgekeur is.

Algemene Opmerkings:

1. As 'n student van voornemens is om onmiddellik na voltooiing van die B.A. Honneurs-kursus met die M.A. voort te gaan, moet hy 'n mondelinge eksamen aflê oor die tydvak waarin sy verhandeling val en oor bibliografie en geskiedkundige apparaat.

2. As 'n student na die verloop van 'n aansienlike tyd na die voltooiing van die Honneurs-kursus met die M.A. wil voortgaan, moet hy, bo en behalwe die vereistes hierbo genoem, sy promotor tevrede stel aangaande die historiese metode en tegniek en Suid-Afrikaanse historiografie.

3. Daar word van 'n voornemende M.A.-student verwag om ten minste vir een jaar voltyds navorsing te doen.

D.Phil.

'n Proefskrif, asook 'n mondelinge eksamen oor die tydvak waarin die onderwerp val, word vereis.

Algemene Opmerkings:

- (i) Die D.Phil.-verhandeling moet 'n oorspronklike bydrae wees tot die kennis van die Geskiedenis. Dit moet bewys lewer van insig, 'n kritiese vermoë en sintetiese benadering.
- (ii) Na finale voorlegging van die proefskrif word van die kandidaat vereis om hom mondeling voor sy eksaminatore oor sy proefskrif te verantwoord.

KLASSIEKE HEBREEUS**Kursus I**

(Twee vraestelle)

Vraestel 1: Taal.

- (a) Beginsels van die Hebreuse grammatika (skrif, klankleer, aksente, naamvalle van die voornaamwoord, sterk selfstandige naamwoord, onreëlmatige selfstandige naamwoord, lidwoorde, telwoorde tot 100 en sterk werkwoorde met werkwoordelike byvoegsels).
- (b) Eenvoudige vertalings uit en in Hebreus.

Vraestel 2: Agtergrond.

(Studente, wat Bybelkunde I geslaag het, is vrygestel van vraestel 2).

- (a) 'n Oorsig van Bybelse Oudheidkunde.
- (b) Israelitiese geskiedenis en die antieke Nabye Oosterse agtergrond daarvan vanaf die begin tot op die verwoesting van die Eerste Tempel.
- (c) Oorsig van Bybelse Aardrykskunde.

Kursus II

(Twee vraestelle)

Vraestel 1: Taal en teks.

- (a) Beginsels van die Hebreuse grammatika (swak werkwoorde en selfstandige naamwoorde daarvan afgelei, vergelykings, lidwoorde) met vertalings uit en in Hebreus.
- (b) Beginsels van Hebreuse sinsleer, met toepaslike oefeninge.
- (c) Taalkundige studie van ses hoofstukke uit die historiese, ses hoofstukke uit die profetiese en ses hoofstukke uit die wysheidsliteratuur van die Ou Testament met oefeninge in teks kritiek.

Vraestel 2: Agtergrond.

(Studente, wat Bybelkunde II geslaag het, is vrygestel van vraestel 2)

- (a) Die aard van die Hebreuse taal en denke.
- (b) Die geskiedenis van die Jode vanaf die verwoesting van die Eerste Tempel tot die verwoesting van die Tweede Tempel.

Kursus III

(Twee vraestelle)

Vraestel 1: Taal.

- (a) Kenmerke van die Hebreuse taalkunde en 'n inleiding tot die Semitiese taalwetenskap.
- (b) 'n Studie van Qumran dokumente.

Vraestel 2: Aramees I of Ugarities I of Kopties I of Akkadies I of Moderne Hebreus.

- (a) Inleidende grammatika en oorsig van die Letterkunde van een van bogenoemde tale.
- (b) Vertaling van voorbereide en onvoorbereide tekste in Engels of Afrikaans.
- (Kandidate wat een van bogenoemde bykomstige tale op 'n eenjarige basis neem, skryf slegs vraestel twee).

DEPARTEMENT KLASSIEKE TALE
GRIEKSE

(Met insluiting Beginsels van Griekse Kultuur).

Kursus IA

(Een vraestel.)

1. 'n Studie van die grammatika (vormleer en sintaksis) van Grieks.
2. Vertaling van sinne en/of passasies uit Grieks en in Grieks.
3. 'n Oorsig van Christelike Griekse letterkunde.

Kursus IB

(Twee vraestelle)

1. Formele grammatika van Grieks.
2. Onvoorbereide vertalings en eenvoudige vertalings in Grieks.
3. 'n Studie van hoofstukke geneem uit die volgende voorgeskrewe boeke:
 - (a) Die Griekse Nuwe Testament: *Johannes*.
 - (b) Xenophon : *Anabasis*.

of

Clemens Romanus: *Eerste brief aan die Korinthiërs*.

(c) *Didache*.

(Vertaling, taalkundige kommentaar, verband en agtergrond).

4. 'n Oorsig van die Griekse geskiedenis gedurende die Hellenistiese tydperk (336-31 v.C.), met besondere verwysing na die aard van die Hellenistiese staatsvorm en na kulturele strominge van die tydperk.

Kursus II

(Drie vraestelle)

1. 'n Studie van die Griekse grammatika, sistematies en in verband met die geskiedenis van die Griekse taal.
2. Onvoorbereide vertaling en stelwerk.
3. 'n Studie van die volgende voorgeskrewe boeke:
 - (a) Plato : Een Dialoog.
 - (b) Euripides : Een tragedie.
 - (c) Herodorus : Een boek.

of

Clemens Romanus : *Eerste brief aan die Korinthiërs*.

en

Anon. : *Brief aan Diogenetus*.

(d) *Die Handeling van die Apostels*.

of

Homeros : Een boek van die *Odyssee*.

(Vertalings, taalkundige kommentaar, verduideliking van verband en inhoud en vae van 'n literêre aard.)

4. 'n Oorsig van die Griekse geskiedenis, vanaf ongeveer 1200 tot 336 v.C., met besondere verwysing na die *polis*, die godsdiens en die denke.

5. 'n Oorsig van die Griekse letterkunde met besondere verwysing na die bogenoemde voorgeskrewe boeke.

Kursus III

(Vier vraestelle)

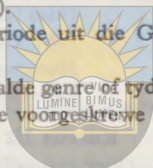
1. 'n Intensiewe studie van die Griekse grammatika, beide diachronies en sinchronies.

2. Gevorderde stelwerk en onvoorbereide vertalings.
3. 'n Intensiewe studie van die volgende voorgeskrewe boeke:
 - (a) Sophokles : een tragedie.
 - (b) Thukydides : een boek.
 - (c) Aristophanes : een komedie
 - of*
 - Paulus : twee sendbriewe.
 - (d) Plato : Een dialoog.
 - of*
 - Griekse Papyri : uittreksels.
 - (e) Homeros : een boek van die *Ilias*.
 - of*
 - Clemens Alexandrinus: *Protrepikos*.

(Vertalings, kommentaar op die grammatika en versmaat, verklaring van die verband en inhoud en vae van 'n literêre aard).

4. 'n Studie van 'n spesiale periode uit die Griekse geskiedenis insluitende die bestudering van primêre bronne.

5. 'n Intensiewe studie van bepaalde genre of tydperke van die Griekse letterkunde, met spesiale verwysing na bogenoemde voorgeskrewe boeke.



BEGINSELS VAN DIE GRIEKSE KULTUUR

University of Fort Hare

(Twee vraestelle)

Togeter in Excellence

'n Oorsig van die volgende aspekte van die Griekse Kultuur (soos blyk uit Griekse skrywers wie se werke in vertaling gelees moet word):

- (a) Mitologie en godsdiens.
- (b) Letterkunde met spesiale studie van 'n gespesifiseerde vertakking van die letterkunde.
- (c) Die politieke, sosiale en konstitusionele geskiedenis gedurende die Klassieke Tydvak.
- (d) Die beeldhoukuns en argitektuur van die tydperk van Perikles.

LATYN

Spesiale Latyn

(Een vraestel)

- (a) Vrae oor die vormleer en sintaksis van Latyn.
- (b) Engelse sinne vir vertaling in Latyn.
- (c) Eenvoudige sinne (Latyn) vir vertaling in Engels, waarvan tenminste een passasie geneem sal word uit 'n voorgeskrewe aantal Latynse passasies.

Kursus I

(Twee vraestelle)

- A. Twee voorgeskrewe werke albei vir intensiewe studie. (Die vrae sluit in passasies vir vertaling, taalkundige kommentaar, verduideliking van die inhoud en verband; vrae van 'n literêre aard oor die betrokke outeurs, in die algemeen sowel as met besondere verwysing na die voorgeskrewe werke. Wat die versmaat betref, hoef studente slegs die elegiese koeplet te bestudeer).

- B. Stelwerk en onvoorbereide vertaling.
 C. Oorsig van die Romeinse geskiedenis tot 14 n.C.
 Voorgeskrewe werke:

Cicero: Oratio Philippicae. IV-VI.

Vergilius: Aeneis II.

Kursus II

(Drie vraestelle)

- A. Vier voorgeskrewe werke waarvan twee vir intensiewe studie is. (Die vroe sluit in passasies vir vertaling, taalkundige kommentaar, verduideliking van verband en inhoud, en vroe van 'n literêre aard oor die outeurs in die algemeen sowel as met besonder ewerwysing na die voorgeskrewe werke. Wat die versmaat betref, moet studente slegs die Sapphiese en Alcaiese stansas van Horatius bestudeer.)
 B. Meer gevorderde stelwerk en onvoorbereide vertaling.
 C. 'n Studie van die Romeinse geskiedenis van 14 n.C.—337 n.C.

Voorgeskrewe werke:

Horatius

Livius

Terentius

Plinius



Odes (ed. Page)

Lib. XXX

Heauton timorumenos.

Selected Letters (Prichard).

Kursus III

(Vier vraestelle)

- A. Sewe voorgeskrewe werke, vier vir intensiewe studie. (Die vroe sluit in passasies vir vertaling, taalkundige kommentaar, verduideliking van verband en inhoud, en vroe van 'n literêre aard oor die betrokke outeurs, in die algemeen sowel as met besondere verwysing na die voorgeskrewe werke.)
 B. Gevorderde stelwerk en onvoorbereide vertaling.
 C. Die studie van 'n bepaalde genre van die Latynse letterkunde.
 D. Die studie van 'n spesiale periode uit die Romeinse geskiedenis.

Voorgeskrewe werke:

Tacitus	:	Annales I.
Cicero	:	De Finibus I
Horatius	:	Satires (Palmer)
Juvenalis	:	Satires (Duff)
Lucretius	:	De Rerum Natura III.
Vergilius	:	Aeneis VI.
Propertius	:	Elgiae I

Spesiale genre van die Romeinse letterkunde: Romeinse satire.

Spesiale periode uit die Romeinse geskiedenis:

70 v.C. tot 14 n.C.

('n Studie van epigrafiese bronne word hierby ingesluit).

DEPARTEMENT VAN MAATSKAPLIKE WERK**MAATSKAPLIKE WERK****Kursus I**

(Een vraestel)

Afdeling A.

Algemene inleiding tot die maatskaplike sorg.

Afdeling B.

'n Oorsig oor die geskiedenis van maatskaplike werk en van welsynsaktiwiteite in Suid-Afrika.

Kursus II
(Twee vraestelle)

Vraestel 1.

Die maatskaplike gevallewerkm metode.

Vraestel 2.

1. Maatskaplike groepwerkm metode.
2. Maatskaplike Werk op sekere gespesialiseerde gebiede.

Kursus III
(Drie vraestelle)

Vraestel 1.

1. Maatskaplike gevallewerk met spesiale verwysing na die psigo-sosiale bevordering.
2. Gesinsorg, kindersorg en jeugsorg met 'n intensiewe bestudering van die Kinderwet (Wet Nr. 33 van 1960, soos gewysig).
3. Maatskaplike Werk met betrekking tot besondere probleme.

Vraestel 2.

1. Maatskaplike gemeenskapswerk.
2. Die ontwikkeling van Maatskaplike beleid.

Vraestel 3.

1. Maatskaplike Werkadministrasie.
2. Die profesie en filosofie van Maatskaplike Werk.

Honneurs

Die eksamen bestaan uit:

Vraestel 1.

Maatskaplike Groepwerk.

Vraestel 2.

Gemeenskapswerk en Maatskaplike Werk beleid.

Vraestel 3.

Maatskaplike Werkadministrasie.

Vraestel 4.

Maatskaplike gevallewerk.

Vraestel 5.

Maatskaplike Werknavorsing en supervisie.

Vraestel 6.

Maatskaplike Werk en spesiale rigtings.

Magisterseksamen

Die eksamen bestaan uit 'n verhandeling oor 'n goedgekeurde onderwerp uit die gebied van die maatskaplike werk, en 'n mondelinge eksamen oor die algemene beginsels van die vak.

Universiteitsdiploma in Maatskaplike Werk

Die kursusse vir die Diploma is dieselfde as die vir die graadkursus

PRAKTIKA

Studente word ten sterkste aangeraai om 'n bestuurderslisensie te bekom voor voltooiing van hul finale jaar.

Kursus I

(a) Studente moet minstens 8 besoeke by verskillende welsynsorganisasies en inrigtings aflê en volledig verslag doen van sulke besoeke.

(b) Studente moet minstens een drie uur periode per week van praktiese instruksie gedurende die akademiese jaar bywoon.

Kursus II

(a) Studente moet by 'n goedgekeurde welsynsorganisasie registreer.

(b) Studente moet minstens drie uur per week van instruksie in die praktyk gedurende die akademiese jaar ondergaan.

(c) Een helfte van die akademiese jaar word gewy aan praktiese gevallewerk-ondervinding en die ander helfte van die akademiese jaar aan praktiese groepwerk-ondervinding.

(d) Die student moet vier aaneenlopende weke van praktiese opleiding onder toesig van 'n geregistreerde Maatskaplike Werker gedurende die vakansie ondergaan.

(a) Studente moet by 'n goedgekeurde Welsynsorganisasie registreer.

(b) Studente moet minstens drie uur per week van instruksie in die praktyk gedurende die akademiese jaar ondergaan.

(c) Studente moet vir die grootste gedeelte van die akademiese jaar deel neem aan maatskaplike ontwikkelingswerk in die omringende gemeenskappe.

(d) Die student moet vier aaneenlopende weke van praktiese opleiding onder toesig van 'n geregistreerde Maatskaplike Werker gedurende die vakansie ondergaan.

Honneurs

Die Student moet agt aaneenlopende weke van praktiese ondervinding opdoen by 'n geregistreerde welsynsorganisasie wat deur die hoof van die departement goedgekeur is. Die ondervinding moet geskied onder leiding van 'n geregistreerde Maatskaplike Werker. 'n Volledige verslag moet na afloop van die ondervinding by die hoof van die departement ingehandig word.

DEPARTEMENT SELKUNDE

SELKUNDE

Kursus I

(Een vraestel)

1. Inleiding: Histories, Belangrike skole, Toepassingsvelde
2. Die Leerproses.
3. Emosie.
4. Intelligensie
5. Denke.
6. Aandrifte en motivering.
7. Grondslae van die Sosiale Sielkunde.
8. Persoonlikheid.

9. Inleiding tot navorsings- en evalueringsmetodieke in die Sielkunde.
10. Psigofisiologie.
11. Waarneming en aandag.
12. Inleidende Psigopatologie.
13. Inleiding tot die Ontwikkelingssielkunde.

L.W. Studente wat Sielkunde as hoofvak neem, sal 'n voorgeskrewe eenjarige kursus in Statistiese Metodes suksesvol moet voltooi.
(Hierdie reëling sal nie van toepassing wees op studente wat Sielkunde III in 1976 voltooi nie).

Kursus II

(Twee vraestelle)

Vraestel 1.

Afdeling A:

1. Ontwikkelingstudie van die kinderjare en adolessensie.

Afdeling B:

1. Psigopatologie van die kinderjare en die adolessensie.

Vraestel 2.

1. Groepe en groepprosesse met nadruk op die gesin en die familie insluitende sulke aspekte soos rol, leierskap ens.
2. Sosiale prosesse, insluitende vooroordeel, houdings ens.
3. Differensiële Sielkunde.

University of Fort Hare
Together in Excellence
Kursus III

(Drie vraestelle)

Vraestel 1.

1. Ontwikkelingstudie van volwassenheid en bejaardheid.
2. Psigopatologie van volwassenheid en bejaardheid.
3. Interkulturele benadering tot die psigopatologie met spesifieke verwysing na gemeenskappe in Afrika.
4. Inleiding tot psigodiagnostiek en psigoterapie.

Vraestel 2. Persoonlikheid:

1. Die aard van persoonlikheid.
2. Die determinante van persoonlikheid.
3. Die evaluering van persoonlikheid.
4. 'n Diepte-onderzoek van een van die huidige persoonlikheidsteorieë.

Vraestel 3.

Afdeling A.

Voorligtingsielkunde (60%)

1. Beroepsraadgewing
2. Opvoedkundige raadgewing
3. Rehabilitasie
4. Huweliksvoorligting
5. Kinderleiding—vanaf kleuterjare tot adolessensie.

Afdeling B.

Inleiding tot die Bedryfsielkunde (Departement van Bedryfsielkunde) (40%)

Honneurs

L.W. Kandidate moet op dieselfde dag as die doserende personeel aan die begin van die jaar by die Universiteit aanmeld.

Kandidate moet 10 (tien) semesterkursusse voltooi.

Alle kurrikula vir die honneurskursus moet aan die begin van die jaar deur die departementshoof goedgekeur word. Sommige kursusse het sekere voorvereistes, soos aangedui.

- ±1. Psigoterapeutiese tegnieke
- ±2. Psigodiagnose
- ±3. Psigopatologie (minder ernstige afwykings)
- ±4. Psigopatologie (meer ernstige afwykings)

*5. Gevorderde navorsingsmetodiek

6. Persoonlikheidsielkunde

7. Groepe en groepmetodes

x8. Voorligting I (gevorderd)

x9. Voorligting II (gespesialiseerd)

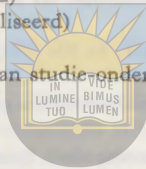
10. Ontwikkelingsielkunde

11. Gerigte studie (keuse van studie-onderwerp word met die departementshoof gereël)

12. Omgewingsielkunde

13. Dieptesielkunde

14. Bedryfsielkunde (2 semesterkursusse in die departement Bedryfsielkunde)



University of Fort Hare
Magister-Eksamen
Togelukkig in Eksamen

Die eksamen bestaan uit 'n verhandeling oor 'n onderwerp wat uit een van die gebiede van die sielkunde gekies word, soos goedgekeur deur die departementshoof. Voorsiening word gemaak vir óf 'n kliniese sielkundige óf 'n voorligtingsielkundige gerigte studie.

DEPARTEMENT SKONE KUNSTE

KUNSGESKIEDENIS

Kursus I

(Twee vraestelle)

'n Breë oorsig oor die belangrikste kunsbewegings vanaf die voorgeskiedenis tot die hede. Beide skilderkuns en beeldhou, sowel as argitektuur sal bestudeer word.

- A. (1) Prehistoriese kuns in Europa en Afrika.
 (2) Egipties.
 (3) Grieks.
 (4) Romeins.
 (5) Middelees.

* Verpligtend vir alle studente.

± Moet altyd saam geneem word. Is ook verpligtend vir alle studente wat beoog om in kliniese sielkunde te spesialiseer.

x Verpligtend vir alle studente wat in voorligtingsielkunde wil spesialiseer.

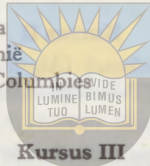
- B. (6) Renaissance.
 (7) Barok.
 (8) 19de Eeuse kuns
 (9) 20ste Eeuse kuns.
 (10) Suid-Afrikaanse kuns (insluitende tradisionele Afrika- en Neo-Afrika-kuns).

Kursus II

(Twee vraestelle)

'n Gedetailleerde studie van Prehistoriese en Primitiewe Kuns

- A. Prehistoriese Kuns: (i) Europa
 (ii) Middle-Ooste
 (iii) Afrika
- B. Primitiewe Kuns : (i) Afrika
 (ii) Oseanië
 (iii) Pre-Columbies



Kursus III

Universiteit van Pretoria

Together in Excellence

'n Gedetailleerde verkenning van die volgende Moderne Kunsrigtings:

- A. 1. Fauvisme.
 2. Ekspresionisme.
 3. Kubisme.
 4. Purisme.
 5. Orfisme.
 6. Futurisme.
 7. Vortisisme.
 8. Dada en Surrealisme.
- B. 9. Suprematisme.
 10. De Stijl.
 11. Konstruktivisme.
 12. Abstrakte Ekspresionisme.
 13. Kinetiese Kuns.
 14. Pop-kuns.
 15. Op-kuns.
 16. Minimale Kuns.

DEPARTEMENT SOSIOLOGIE EN KRIMINOLOGIE

SOSIOLOGIE

Kursus I

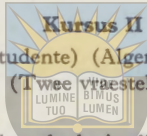
(Twee vraestelle)

Vraestel 1.

- (a) Wetenskap en samelewing. Sosiologie: sy gebied, sy metodes, sy verhouding tot ander denkstelsels. Die vroeë geskiedenis van maatskaplike denke en die opkoms van die sosiologie.
- (b) Maatskappy, kultuur en persoonlikheid.
- (c) Basiese sosiologiese begrippe.

Vraestel 2.

- (a) Maatskaplike struktuur en proses.
- (b) Elemente van die sosiologie van bevolkings en omgewings.
- (c) Maatskaplike probleme en aangeleenthede, maatskaplike beleid.



(Vir B.A. Studente) (Algemene Leerplan)

(Twee vraestelle)

Vraestel 1.

Die ontwikkeling van sosiologiese denke in die negentiende en vroeë twintigste eeu. Analitiese en sistematiese bestudering van maatskaplike sisteme. Die interpretasie van maatskaplike, persoonlikheids- en kulturele sisteme en hul verhouding met die omgewing. Die elemente en institusionalisering van maatskaplike handeling en konflik.

Vraestel 2.

Of (a) Historiese, kontemporêre en geproekteerde beskrywings van Wêreldbevolking. Demografiese begrippe en metodes. Bevolkingsdinamika. Demografiese sosiologie. Demografiese navorsing en statistiek.

Of (b) Die belang van die sosiologie in industriële lewe. Industriële sosiologie as studiegebied. Die sosiologiese struktuur van werkorganisasies. Industrie en die individu, die gemeenskap en die samelewing.

Kursus II

(Vir B.A. Studente) (Leerplan in Demografie)

(Twee vraestelle)

Die kursus sal slegs aangebied word indien daar aanvraag bestaan en indien fasiliteite dit toelaat.

Vraestel 1.

Die leerplan soos uiteengesit vir Kursus 2(a) vir B.A. (Algemene Leerplan).

Vraestel 2.

Meer gevorderde demografie, met spesiale verwysing na die demografie van Suid-Afrika met inbegrip van spesiale studie aangaande die demografie van die Ciskei en Transkei.

Praktika :

Deelname aan die Demografie Projek (Xhosa).

Kursus II

(Vir B.A. studente) (Leerplan in Industriële Sosiologie)

(Twee vraestelle)

Die kursus sal slegs aangebied word indien die aanvraag bestaan en indien fasiliteite dit toelaat.

Vraestel 1.

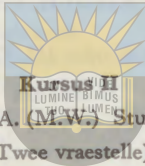
Die leerplan soos uiteengesit vir Vraestel 2(b) vir B.A. (Algemene Leerplan)

Vraestel 2.

Beginsels van Industriële Sosiologie en Organisasie-sosiologie. Die belangrikste probleme met betrekking tot die individu in die werkorganisasie. Sosiologiese ontleding van die verhoudings van die politie, die gemeenskap, patroonhandhawing en die ekonomie. Sosiologiese aspekte van industriële ontwikkeling—industrialisasie, verstedeliking, werk-verhoudings, demografiese implikasies.

Praktika.

Deelname aan veldwerk.



(Vir B.A. (M.W.) Studente)

(Twee vraestelle)

Vraestel 1.

Die leerplan soos uiteengesit vir Kursus II, Vraestel 1 (vir B.A. Algemene Leerplan)

Vraestel 2.

Die leerplan soos uiteengesit vir Kursus II, Vraestel 2(a) (vir B.A. Algemene Leerplan).

Kursus III

(Vir alle B.A. Leerplanne)

(Drie vraestelle)

'n Student mag nie Vraestel 2(b) neem indien hy nie Vraestel 2(a) in Kursus II (Algemene Leerplan) of Vraestel I in Kursus II (Demografie Leerplan) geneem het nie en 'n student mag nie Vraestel 3(b) neem indien hy nie Vraestel 2(b) in Kursus II (Algemene Leerplan) of Vraestel I in Kursus II (Industriële Sosiologie Leerplan) geneem het nie.

'n Student wat Kursus II vir die B.A. (Algemene of Demografie of Industriële Sosiologie Leerplan) geslaag het, mag Kursus III vir die B.A.-graad neem, onderhewig aan die voorwaarde dat hy nie enige Afdeling van die Kursus II leerplanne herhaal waarmee hy reeds gekrediteer is nie.

Vraestel 1.

Die beginsels van kontemporêre Sosiologie, met spesiale verwysing na die twintigste eeuse skole en denksisteme en huidige kritiek en ontwikkelinge.

Vraestel 2.

Of (a) Afwyking, konformiteit, en verandering in die samelewing. Die paradoks van maatskaplike orde, tipologieë en paradigmes van afwyking, veroorsaking van afwyking, maatskaplike reaksies op afwyking modi van maatskaplike verandering.

Of (b) Meer gevorderde demografie, met besondere verwysing na die demografie van Suid-Afrika met inbegrip van spesiale studie aangaande die demografie van die Ciskei en Transkei.

Vraestel 3.

Of (a) Teorieë, tegnieke en vertakkings van mikro- en makro-sosiologiese navorsing met veld- en laboratoriumpraktika. Elemente van statistiese en grafiese metodes vir die sosiologie.

Of (b) [Presies soos II. 2 Indus. Sos. Leerplan.]

Kursus III

(Vir B.A. (M.W.) studente)

(Drie vraestelle)

Vraestel 1.

Die leerplan soos uiteengesit vir Kursus III, Vraestel 1 (vir B.A.)

Vraestel 2.

Die leerplan soos uiteengesit vir Kursus II, Vraestel 2(a) (vir B.A.)

Vraestel 3.

Die leerplan soos uiteengesit vir Kursus III, Vraestel 3(a) (vir B.A.)

Die eksamen beslaan drie vraestelle in Deel I en twee vraestelle in Deel II. Dele I en II mag gesamentlik of afsonderlik geskryf word.

Deel I: Vraestel 1:

Oorsig van kontemporêre sosiologiese denke.

Vraestel 2:

'n Gespesialiseerde gebied van maatskaplike navorsingsmetodes geselekteer in oorleg met die Departementshoof.

Vraestel 3:

Eksaminering van 'n navorsingsprojek (deur die student voltooi) binne die geselekteerde gebied van maatskaplike navorsingsmetodes.

Deel II: Vraestel 4 en Vraestel 5 onderskeidelik:

Twee van die volgende geselekteer in oorleg met die Departementshoof:—

- (a) 'n Geselekteerde periode van sosiologiese denke.
- (b) Opvoedkundige sosiologie.
- (c) Politieke sosiologie.
- (d) Godsdienssosiologie.
- (e) Misdaadsosiologie.
- (f) Demografie.
- (g) Industriële sosiologie.
- (h) Sosiale Sielkunde.
- (i) Rasseverhoudinge.
- (j) Landelike en Stedelike sosiologie.
- (k) Groepsdinamika.

Magisterseksamen

Die eksamen bestaan uit 'n verhandeling oor 'n selfgekoose onderwerp, goedkeuring waarvan verkry moet word ten minste ses maande voor inlewering en 'n mondelinge eksamen oor die algemene beginsels van die Sosiologie.

KRIMINOLOGIE**Kursus I**

1. Inleiding tot die Kriminologie as Vakwetenskap: Die gebied, taak en metodes; die verband tussen Kriminologie en die aanverwante wetenskappe.
2. Ontleding van die Misdaderverskynsel: Die begrip misdaad; persoonlike en omstandighedsaspekte van die misdaderverskynsel.
3. Inleiding tot die Penologie.
4. Jeugmisdad: Definisie, omvang; die verband tussen kinderverwaarlosing en jeugwangedrag; die jeugmisdadiger—fisiese en geestelike aspekte van jeugmisdadigers; huislike omstandighede en jeugmisdad; buitehuislike faktore en jeugmisdadigheid; misdadige jeuggroepe; ontleding van die jeugaanhoudingsentrum.
5. Die verband tussen misdaad en sommige sosiaal-patologiese verskynsels.

Kursus II*Vraestel 1 (3 uur)*

1. Inleiding tot die Kriminele Sielkunde.
Die liggaamlike en geesteshoedanighede van die misdadiger; omgewingsfaktore en persoonlikeheidsfaktore; die verband tussen geestesgebreke en misdadigheid.
2. (a) Inleiding tot die Forensiese Sielkunde.
(b) Sosiologie van misdaad.
3. Oorerflikheid en Misdaad.
4. Spesiale Kursus: Menslike Genetika (9 lesings p.j.)
(Departement Genetika).

Vraestel 2

1. Penologie: Die oogmerke van straf; Strafteorieë; Strafmodes en die ontwikkeling daarvan; Moderne strafmetodes.
2. Die Suid-Afrikaanse Strafstelsel en Gevangenisorganisasie
3. Strafregpleging: Met verwysing na die Wet op Kriminele Prosedure en Bewyslewering.
4. Inleiding tot die Gesk. van die Forensiese Medisyne, met verwysing na die Forensiese Medisyne vir Regspleging en Strafbehandeling.

DEPARTEMENT STAATSLEER EN PUBLIEKE ADMINISTRASIE**STAATSLEER****Kursus I**

(Twee vraestelle)

Vraestel 1.

Eerste capita selecta uit die grondbeginsels, strominge, tydperke en denkers op die gebied van die Staatsleer.

1. Algemene inleiding tot die studie van die vak Staatsleer.
2. Eerste seleksie van basiese begrippe in die Staatsleer.
3. Eerste seleksie van bepaalde tydperke en strominge in die Staatsleer met besondere verwysing na die betrokke denkers.

Vraestel 2.

Staatsinstellings en Staatspraktyke

1. Eerste seleksie van bepaalde staatsinstellings en -opvattinge asook die betrokke denkers.
2. 'n Volledige ontleding en evaluering van moderne Westerse staatsinstellings en -praktyke met besondere verwysing na hedendaagse Suid-Afrika.

Kursus II

(Twee vraestelle)

Vraestel 1.

Tweede capita selecta uit die grondbeginsels, strominge, tydperke en denkers op die gebied van die Staatsleer.

1. Tweede seleksie van basiese begrippe in die Staatsleer.
2. Tweede seleksie van bepaalde tydperke en strominge in die Staatsleer met besondere verwysing na die betrokke denkers.
3. Prinsipiële aspekte in die studie van die Staatsleer.

Vraestel 2.

Derde capita selecta uit die grondbeginsels, strominge, tydperke en denkers op die gebied van die Staatsleer.

1. Tweede seleksie van bepaalde staatsinstellings en -opvattinge asook die betrokke denkers.
2. Moderne totalitiese staatsopvattinge.
3. Die Westerse demokrasie en sy filosofiese grondslag.

Kursus III

(Drie vraestelle)

Vraestel 1.

Eerste capita selecta uit die internasionale verhoudings en instellings.

1. Die staat in die internasionale samelewing (nie gemeenskap nie).
2. Die statestelsel en die 'Gemeenskap' van Nasies.
3. Die oorsprong en ontwikkeling van die volkereg.
4. Nasionalisme, internasionalisme en imperialisme.
5. Kolonialisme.
6. Die bestaan en probleme van nasionale minderhede.

Vraestel 2.

Tweede capita selecta uit die internasionale verhoudings, verskynsels en instellings.

1. Reëlings vir internasionale samewerking: die begin van internasionale instellings.
2. Mag en magspolitiese.
3. Diplomatie as werktuig in diens van nasionale beleid.
4. 'n Vergelykende studie van die samestelling, oogmerke en optredes van die Volkebond en die Verenigde Volke.

Vraestel 3.

Derde capita selecta uit die internasionale verhoudings, verskynsels en instellings.

1. Oorlog en vrede.
2. Die mandaat- en trusteeskapstelsel as vorme van internasionale beheer oor afhanklike gebiede.
3. Internasionale vraagstukke van oorbevolking, voedseltekorte en grondstowwe.
4. Die rol van Afrika in die wereldpolitiek.

Honneurs

Die eksamen bestaan uit vyf vraestelle. In oorleg met die Hoof van die Department kies 'n kandidaat uit die volgende onderwerpe:

1. 'n Besondere periode of aspek van politieke teorie (filosofie).
2. 'n Vergelykende studie van enige DRIE konstitusies.
3. Politieke Partye.
4. 'n Vergelykende studie van moderne benaderings in staatsleer of internasionale verhoudinge.
5. 'n Gevorderde studie van die samestelling en funksionering van supranasionale organisasies (V.V.O., O.A.E., N.A.V.O., ens.).
6. 'n Gevorderde studie van Behaviouralistiese teorieë in Staatsleer.
7. Teorieë in Internasionale Verhoudinge, soos van tyd tot tyd voorgeskryf.
8. Die ontwikkeling van politieke denke in Afrika, Asië, Latyns-Amerika of die Midde-Ooste.

Genoemde vyf vraestelle kan gelyktydig of in twee dele afgelê word.

Magistereksamen

Die eksamen bestaan uit 'n verhandeling, wat oor 'n onderwerp uit die Staatsleer of 'n aanverwante vak moet gaan en blyk moet wees van oorspronklike ondersoek. So 'n onderwerp moet goedgekeur word deur die Senaat minstens ses maande voor die indiening van die verhandeling.

University of Fort Hare PUBLIEKE ADMINISTRASIE

Kursus I

Vraestel 1.

Algemene inleiding tot die studie van Publieke Administrasie.

Vraestel 2.

Beskrywende en historiese aspekte van die institusionele raamwerk (owerheidsadministrasie) van publieke administrasie.

Kursus II

Vraestel 1.

Die openbare dienste met besondere verwysing na die Republiek van Suid-Afrika.

- (a) Beleidbepaling in die openbare sektor.
- (b) Organisasie
- (c) Administratiewe prosedure.

Vraestel 2

1. Openbare finansiële administrasie (sentrale, regionale en plaaslike).
2. Openbare personeeladministrasie met besondere verwysing na die Republiek van Suid-Afrika (sentrale, regionale en plaaslike)
3. Die ontleding van die werksamhede en administratiewe instellings van een munisipaliteit.
4. 'n Ontleding van die owerheidsinstellings in die Transkei en die besondere reelings wat daar getref is

Kursus III

Vraestel 1.

1. Staatshandelondernemings.
2. Beheer oor regionale en munisipale owerhede
3. 'n Vergelykende studie van die stelsels van twee of meer lande

Vraestel 2.

1. Beheer oor die uitvoerende instellings; parlementêre beheer
2. Georganiseerde belangegroepes en publiek administrasie. Inskakeling van belangegroepes deur middel van rade en Kommissies.

Vraestel 3.

- (1) Publieke administrasie in nuwe state.
- (2) Internasionale publieke administrasie
- (3) Nuwe ontwikkelings op die gebied van publieke administrasie.



Die hele eksamen bestaan uit vier vraestelle, naamlik twee vraestelle in Deel I en twee vraestelle in Deel II *plus* 'n goedgekeurde artikel vir Deel III. Deel I en II kan gesamentlik of afsonderlik afgelê word. In oorleg met die Departementshoof kies 'n kandidaat sy vraestelle uit die volgende:

Deel I: Vraestelle 1 en 2 is respektiewelik (a) hieronder; *plus* enigeen van (b) tot (e).

- (a) Gevorderde teorie en wat gegrondslae van Publieke Administrasie: *capita selecta* van benaderings, skryf en slote.
- (b) Die teorie en administratiewe praktyk van owerheidsbeplanning.
- (c) Gevorderde finansiële administrasie in die openbare sektor (*slegs indien die kandidaat in Ekonomie III geslaag het*).
- (d) Gevorderde internasionale publieke administrasie (*slegs indien die kandidaat in Staatsleer III geslaag het*).
- (e) Spesiale besluitvormingsprobleme binne die ekologie van publieke administrasie.

Deel II: Vraestelle 4 en 5 is respektiewelik (f) *plus* enigeen van (g) tot (i).

- (f) Gevorderde studie van besondere sentrale en plaaslike bestuursvraagstukke van die moderne tyd: *capita selecta*.
- (g) Gevorderde vergelykende plaaslike bestuur.
- (h) 'n Gevorderde studie van moderne interowerheidsverhoudings met spesiale verwysing na Suid-Afrika.
- (i) 'n Honneursvraestel uit 'n verwante vak waarvan die kandidaat in die derdejaarskursus vir sy baccalaureus geslaag het, *met die goedkeuring van die betrokke Departementshoofde*.

Deel III:

'n Opstel van 20-30 getikte folio bladsye (10,000-15,000 woorde) oor 'n onderwerp op die terrein van die Publieke Administrasie wat goedgekeur is deur die Departementshoof. Die opstel moet bewys lewer van die kandidaat se vermoë om selfstandig te werk en sal een vyfde van die kandidaat se totale eksamenpunt beslaan. Die opstel sal, soos die geval met die ander vraestelle, deur die eksterne eksaminator goedgekeur moet word.

Die Departementshoof sal beslis wanneer die artikel ingehandig moet word.

DEPARTEMENT WYSBEGEERTE

Kursus I

(Een Vraestel)

- A. Inleiding tot:
1. Die aard van die wysbegeerte.
 2. Die vertakkinge van die wysbegeerte.
 3. Die vernaamste wysgerige probleme.
 4. Toegepaste wysbegeerte.
- B. Griekse wysbegeerte (met spesiale verwysing na Plato en Aristoteles).

Kursus II

(Twee vraestelle)

Vraestel 1

- A. Middeleeuse wysbegeerte (met spesiale verwysing na Augustinus en Aquino).
 B. Moderne wysbegeerte tot Hume (bv., Descartes, Leibniz, Locke, Hume).
 C. Kant (met spesiale verwysing na die *Kritiek der reinen Vernunft*).

Vraestel 2

- A. Metodologie:
1. Tradisionele logika: Die kategoriese sillogisme.
 2. Simboliese logika: Propositionele en predikaatlogika.
 3. Wetenskapsmetodes: Induksie, waarskynlikheid, Hipotese, teorie, wet.
- B. Kennisleer: Die oorsprong en omvang van kennis met spesiale verwysing na die teorie van verskynsels en die fenomenologie.

Kursus III

(Drie vraestelle)

Vraestel 1

- A. 19de eeuse wysbegeerte (bv., Hegel, Comte, Nietzsche).
 B. 20ste eeuse wysbegeerte (bv., Husserl, Ryle, Sartre).
 C. Inleiding tot:
1. Oosterse wysbegeerte.
 2. Wysbegeerte van Afrika.
 3. Bydraes van Suid-Afrikaanse wysgere.

Vraestel 2

- A. Wysbegeerte van die geskiedenis (bv., Dilthey, Toynbee, Collingwood).
 B. Wetenskapsfilosofie (bv., Eddington, Planck, Heisenberg).
 C. Godsdienstilosofie (bv., Barth, Bultmann, Tillich).

Vraestel 3

- A. Metafisika: 'n kritiese bespreking van tradisionele spekulatiewe metafisika in vergelyking met hedendaagse immanente of beskrywende metafisika.
 B. Waardefilosofie:
1. Etiek: Die vernaamste benaderings, vraagstukke en begrippe.
 2. Estetika: Die vernaamste benaderings, vraagstukke en begrippe.
- C. Staatsfilosofie: Die vernaamste benaderings, vraagstukke en begrippe.

Honneurs
(Vier vraestelle)

Vraestel 1

'n Uitgebreide studie van 'n hedendaagse wysgeer of groep hedendaagse wysgere.

Vraestel 2

'n Uitgebreide studie van 'n wysgerige vraagstuk.

Vraestel 3

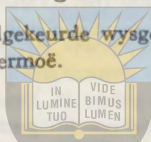
'n Uitgebreide studie van 'n periode in die geskiedenis van die wysbegeerte.

Vraestel 4

'n Kritiese ontleding van 'n erkende wysgerige werk.

Magisterkursus

'n Verhandeling oor 'n goedgekeurde wysgerige onderwerp wat bewys lewer van onafhanklike en kritiese oordeelsvermoë.



TAALLABORATORIUM

Bywoning van die taallaboratoriumwerk vir Engels I en Afrikaans I studente is verpligtend vir mondelinge werk. Kursusse vir Beginners-Afrikaans is ook beskikbaar. Studente mag die taallaboratorium vir hul eie studiewerk in moderne tale gebruik.

Diploma in Toegepaste Linguistiek

Die leergang vir die kursus bestaan uit:

- (i) Die aard van taal
- (ii) Die aard van taalaanleer
- (iii) Gebiede van moedertaalsteuring
- (iv) Metodologie van taalonderrig
- (v) Teorie van grammatika
- (vi) Die rol van tegnologie in taalonderrig
- (vii) Die geskiedenis van taalonderrig
- (viii) Taaltoetsing
- (ix) Evaluering van taalonderrigmateriaal

Algemeen

Behalwe die vakke wat in hierdie prospektus genoem word, kan sekere ander vakke wat deur ander fakulteite aangebied word, ook onder die Fakulteit Lettere en Wysbegeerte as hoofvakke of aanvullende vakke geneem word. Hierdie vakke word in die lys van vakke in paragraaf A.3 van die reglement van die Fakulteit Lettere en Wysbegeerte aangegee. Studente word aangeraai om die prospektusse van die betrokke fakulteite te raadpleeg vir die inhoud van hierdie vakke.

Fakulteit Natuurwetenskappe

VELDEKSKURSIES

Vir sommige kursusse word veldekskursies van wisselende duurte voorgeskryf as deel van die praktiese werk. Bywoning van ekskursies wat voorgeskryf word, is verpligtend. Hoofde van departemente wat ekskursies voorskryf gedurende die akademiese semesters, moet die nodige verlof van die Dekaan verkry, asook van al die Hoofde van Departemente waar die studente betrokke is.

REGLEMENT

Die fakulteitsreëls wat hierop volg moet tesame met die voorskrifte van die Wet, die Statuut, die regulasies en die algemene reëls gelees word.

Grade en Diploma in die Fakulteit van Natuurwetenskappe

Sc.1. In die Fakulteit Natuurwetenskappe word die volgende vyf grade toegeken:

Baccalaureus Scientiae.....	B.Sc.
Baccalaureus Scientiae (Landmeetkunde).....	B.Sc. (Landmeetkunde)
Honneurs Baccalaureus Scientiae.....	B.Sc.Hons.
Magister Scientiae.....	M.Sc.
Doctor Scientiae.....	D.Sc.

Die volgende nagraadse diploma word in die Fakulteit Natuurwetenskappe toegeken:

Diploma in Toegepaste Chemie	D.A.C.
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Die Graad Baccalaureus Scientiae

Duur van Leergang en Vakke :

Sc.2. Die leergang duur minstens drie jaar en word uit kursusse in die volgende vakke saamgestel:

GROEP I

Aardrykskunde	Plantkunde
Biochemie	Sielkunde
Biologie I of IM	Statistiek
Chemie	Toegepaste Informatika
Dierkunde	Toegepaste Wiskunde
Fisika	Wiskunde
Geologie	Wiskundige Statistiek
Landmeetkunde I	

GROEP II

Afrikaans-Nederlands	Wysbegeerte I
Engels	Xhosa of 'n ander Bantoetaal
Rekeningkunde I	

Samestelling van Leergang

Sc.3. 'n Leergang bestaan uit minstens nege graadkurse soos volg verdeel word:

Eerste jaar	hoogstens vyf
Tweede jaar	hoogstens vier
Derde jaar	hoogstens drie

Met dien verstande dat:

(1) Wiskunde IA en Wiskunde IB word vir die doel van bostaande maksima as volle kurse beskou, behalwe as hulle saam geneem word;

(2) 'n Student wat in sy eerste of tweede jaar in een of meer kurse drui, een sodanige kursus in 'n daar-opvolgende jaar kan herhaal en erkenning daarvoor kan verkry bo en behalwe bostaande maksimum;

(3) 'n Student hoogstens twee kurse bo en behalwe die minimum van nege kurse voorgeskryf vir die graad, vir nie-graaddoeleindes mag neem;

(4) aan 'n student nie erkenning vir meer as elf kurse vir die graad verleen word nie;

(5) die leergang bestaan uit ten minste vier eerstejaarskurse.

Herhaling van Kurse

Sc.4. Kurse wat herhaal kan word sluit in:

(a) 'n kursus waarin voorheen vir 'n graad van die Universiteit, of vir 'n graad van 'n ander Universiteit, gedruip is;

(b) 'n kursus waarin voorheen geslaag is sonder erkenning vir die graad.

Bepaling van die Studiejaar

Sc.5. (1) 'n Student ontvang erkenning vir elke kursus waarin hy slaag, maar word nie toegelaat tot die kurse van die tweede jaar alvorens hy nie in minstens drie eerstejaar kurse geslaag het nie.

(2) 'n Student word geag in sy eerste studiejaar te wees totdat hy erkenning verkry het in drie kurse; hy word geag in sy finale studiejaar te wees wanneer hy vir die einkurse in sy hoofvakke ingeskryf het, of wanneer hy erkenning verkry het vir die einkurse van sy hoofvakke, maar moet nog in ander kurse slaag om aan die vereistes van die graad te voldoen; andersins sal hy geag word in sy tweede studiejaar te wees.

Beperkinge op Keuse van Kurse

Sc.6. (1) (a) Toegepaste Wiskunde kursus I word nie meer aangebied nie. 'n Student neem Toegepaste Wiskunde II slegs na Wiskunde I en Fisika I of IA, en Toegepaste Wiskunde III slegs na Wiskunde II.

(b) Om tot Chemie II toegelaat te word, moet 'n student Wiskunde IA afgelê het of minstens tot die eksamen in Wiskunde I of Statistiek I toegelaat gewees het: Met dien verstande dat geen erkenning vir Chemie II gegee word voordat hy in Wiskunde I of Statistiek I geslaag het nie.

(c) Fisika IA lei nie normaalweg na Fisika II nie, maar word erken as 'n eerstejaarskursus vir alle ander doeleindes.

'n Student wat in Fisika IA geslaag het, kan, mits hy minstens 70% in die eksamen behaal het, met vergunning van die Senaat op aanbeveling van die Hoof van die Departement Fisika, toegelaat word tot Fisika II.

Vir toelating tot Fisika II word vereis dat 'n student Wiskunde I geslaag het.

Vir toelating tot Fisika III word vereis dat 'n student of Wiskunde II of Toegepaste Wiskunde II geslaag het.

(d) 'n Student neem Plantkunde III slegs na hy Chemie I geslaag het.

(e) 'n Student neem Dierkunde III slegs na hy Chemie I geslaag het en sal slegs erkenning vir Dierkunde III verkry na hy Statistiek I of Wiskunde I geslaag het.

(f) Wiskundige Statistiek I word nie meer aangebied nie. 'n Student neem Wiskundige Statistiek II slegs na Wiskunde I; en Wiskundige Statistiek III slegs na Wiskunde II.

(g) Wiskunde I bestaan uit twee halwe kursusse, IA en IB. Graaderkenning word nie vir IA verleen nie, en om erkenning vir kursus I te verkry, moet 'n student in beide IA en IB slaag. Kursus IB kan slegs na IA geneem word. 'n Student kan of vir die volle kursus I inskryf of slegs vir IA: Met dien verstande dat die Hoof van die Departement sal bepaal of 'n student met die volle kursus mag voortgaan of slegs met IA: Verder met dien verstande dat 'n student wat in kursus I gedruip het verplig kan word om by 'n volgende registrasie slegs vir IA in te skrywe. Vir 'n kandidaat wat die volle kursus skryf is die twee vraestelle die vir IA en IB, maar die eksamen word in die geheel geslaag of gedruip.

(h) 'n Student mag Statistiek I alleenlik neem indien Wiskunde I nie in die kursusse vir die graad ingesluit is nie.

(i) 'n Student neem Biochemie I(s) slegs na hy Chemie I geslaag het en Biochemie II(s) slegs na hy Chemie II geslaag het.

(j) Plantkunde mag nie in enige kombinasie met Biochemie Is of IIs geneem word nie.

(2) 'n Student ontvang nie vir meer as een kursus uit Groep II erkenning vir die graad nie.

(3) 'n Student ontvang nie vir Biologie I en of Plantkunde I of Dierkunde I erkenning vir die graad nie.

(4) (a) 'n Student ontvang nie vir beide Biologie IM en Dierkunde I erkenning nie.

(b) Toelating mag verkry word vir Dierkunde II na Biologie IM. 'n Student wat Plantkunde I en Biologie IM slaag, sal erkenning kry vir Plantkunde I en Dierkunde I indien hy voortgaan met sy studies in die Fakulteit Natuurwetenskappe.

(5) 'n Student neem Toegepaste Informatika II (Toegepaste Informatika I bestaan nie) slegs na hy een van die volgende kursusse geslaag het:

Wiskunde I

Statistiek I

Rekeningkunde I

(6) 'n Student neem Toegepaste Informatika III in enige van die volgende twee studierigtings:

(i) Toegepaste Informatika IIIA met die klem op dataverwerking;

of

(ii) Toegepaste Informatika IIIB met die klem op wetenskaplike betrekking.

(7) Studente word nie toegelaat tot Toegepaste Informatika III A of B nie voordat hulle goedgekeurde praktiese werk van minstens agt weke voltooi het. 'n Sertifikaat, onderteken deur die werkgewer, moet ter staving ingedien word.

Hoofvakke

Sc.7. Elke leergang moet minstens twee hoofvakke bevat.

Sc.8. Die eindeksamen in 'n hoofvak word nie voor die derde studiejaar afgelê nie.

Sc.9. (a) Die hoofvakke word uit die volgende gekies:

Aardrykskunde	Fisika
Chemie	Geologie
Dierkunde	Plantkunde
Sielkunde	Statistiek
Wiskunde	

(b) Hoofvakke met twee kursusse: Biochemie, Toegepaste Informatika, Toegepaste Wiskunde en Wiskundige Statistiek.

Sc.10. 'n Student wat een van die onderstaande hoofvakke neem, moet die kursusse daarteenoor vermeld, neem:

Hoofvakke

Biochemie

Chemie

Dierkunde

Fisika

Geologie

Plantkunde

Toegepaste Informatika IIIA

Toegepaste Informatika IIIB

Toegepaste Wiskunde

Wiskundige Statistiek

Byvakke

Minstens drie kursusse in Chemie of 'n ander vak onderhewig aan goedkeuring van die Senaat.

Minstens Fisika I en Wiskunde I of Stat. I

Minstens een kursus in Chemie en Wiskunde of Statistiek

Minstens twee kursusse in Wiskunde of Toegepaste Wiskunde

Minstens een kursus in Chemie

Minstens een kursus in Chemie

Rekeningkunde I

Praktiese Engels

Rekeningkunde I

Praktiese Engels

Minstens een kursus in Toegepaste Wiskunde

Minstens twee kursusse in Wiskunde

Minstens twee kursusse in Wiskunde.

Sc.11. 'n Student moet voor of gelyktydig met die eksamen in 'n hoofvak slaag in die byvak of byvakke in Sc.10. vermeld: Met dien verstande dat indien hy gelyktydig in twee hoofvakke, of ooreenkomstig G.21. in een hoofvak, geslaag het maar in een of meer van die verpligte byvakke gedruip het, hy in daardie hoofvak(ke) nie weer eksamen hoef te doen nie dog vir die graad erkenning vir die hoofvak(ke) ontvang wanneer hy in die byvak(ke) slaag.

Jaarpunt

Sc.12. In alle vakke is die persentasie toegeken aan die jaarpunt 50%.

Hereksamen

Sc.13. 1. 'n Aanvullende eksamen word aan 'n eerstejaarstudent toegestaan in enige kursus, indien hy 'n jaarpunt van minstens 50% en ook minstens 40% in die eksamen behaal het, met dien verstande dat hy minstens twee ander kursusse in dieselfde eksamen voltooi het.

2. 'n Aanvullende eksamen word aan 'n tweedejaarstudent toegestaan in enige kursus, indien hy 'n jaarpunt van minstens 50% en 'n gemiddelde van 45% in die eksamen

en jaarpunt gesamentlik behaal het en hy ook minstens twee ander kursusse in dieselfde eksamen voltooi het.

3. 'n Aanvullende eksamen word aan 'n derdejaarstudent toegestaan—

- (a) in die finale kursus van 'n hoofvak waarin hy 'n jaarpunt van minstens 50% en 'n gemiddelde van 45% in die eksamen en jaarpunt gesamentlik behaal het mits hy die finale kursus van sy ander hoofvak voltooi het;
- (b) in een ander kursus, mits dit die laaste uitstaande vereiste vir sy graad is.

Slaag met Onderskeiding

Sc.14. 'n Student slaag 'n hoofvak met onderskeiding as hy 'n slaagpunt van 75% in die finale eksamen behaal het.

Die Graad Honneurs Baccalaureus Scientiae

Sc.15. Elke kandidaat vir die graad Honneurs Baccalaureus Scientiae moet die graad van Baccalaureus Scientiae van die Universiteit behaal het of moet tot die status van daardie graad toegelaat gewees het. As die graad Baccalaureus verwerf is (a) aan die Universiteit sonder dat die betrokke vak een van sy hoofvakke was, of (b) aan 'n ander Universiteit, moet hy die Senaat aangaande sy kwalifikasies in daardie vak bevredig voordat hy tot die eksamen vir die graad Honneurs Baccalaureus toegelaat kan word.

Sc.16. (1) Die Hons. B.Sc.-graad word in die volgende vakke verleen:

Aardrykskunde	Plantkunde
Biochemie	Sielkunde
Chemie	Teoretiese Fisika
Dierkunde	Toegepaste Wiskunde
Fisika	Wiskunde
Geolog'e	Wiskundige Statistiek

(2) 'n Student sal nie tot die honneurs kursus in Fisika toegelaat word nie tensy hy Wiskunde III of Toegepaste Wiskunde III voltooi het.

(3) 'n Student sal nie tot die honneurs kursus in Teoretiese Fisika toegelaat word nie tensy hy Fisika III en Toegepaste Wiskunde III voltooi het.

Sc.17. Die honneurskursus strek oor minstens een akademiese jaar voltydse studie, maar 'n kandidaat kan, met verlof van die hoof van die betrokke departement, die kursus in twee dele, elk waarvan oor een akademiese jaar strek, bywoon en voltooi.

Sc.18. (1) Die Hons.B.Sc.-eksamen word afgeneem deur middel van eksamenvraestelle en/of praktika, plus sodanige mondeling of vertaaltoets as wat in 'n afsonderlike departement voorgeskryf word, wat gewoonlik almal in die tydperk November—Desember van elke jaar afgeneem word.

(2) Kandidate vir die Hons.B.Sc.-eksamens in Fisika, Chemie, Biochemie en Plantkunde moet 'n aantekeningboek van praktiese werk bevattende 'n rekord van die praktiese werk uitgevoer, by die praktiese eksamen inlewer. Die rekord moet deur die persoon onder wie se toesig hulle gewerk het, onderteken word.

Slaag met Onderskeiding

Sc.19. 'n Student slaag met onderskeiding as hy 'n gemiddelde slaagpunt van 70% in al die vraestelle behaal het.

Die Graad Magister Scientiae

Sc.20. Die departemente waarin die graad M.Sc. toegeken kan word, is dieselfde as dié soos in reglement Sc.16 uiteengesit.

Sc.21. Elke kandidaat vir die graad Magister Scientiae moet eers die graad Honneurs Baccalaureus Scientiae van die Universiteit in die betrokke departement behaal het of moet tot die status van die graad Hons.B.Sc. aan die Universiteit toegelaat gewees het en die Senaat tevrede gestel het aangaande sy kwalifikasies in die betrokke vak voordat hy tot die eksamen vir die Magistergraad toegelaat word.

Sc.22. Die eksamen vir die graad bestaan uit eksamenvraestelle of 'n verhandeling; of 'n samestelling van eksamenvraestelle en 'n verhandeling, na gelang afsonderlike departemente voorskryf.

Sc.23. Elke verhandeling moet vergesel wees van 'n verklaring oor die mate waarin dit, sowel in opvatting as in uitvoering, die student se eie werk verteenwoordig.

Sc.24. Die verhandeling mag nie ingedien word voordat die kandidaat die eksamen vir die Honneurs Baccalaureusgraad suksesvol afgelê het nie, en ook nie in 'n korter tydperk as twee jaar nadat die Baccalaureusgraad suksesvol afgelê is nie.

Nagraadse Diploma vir Toegepaste Chemie

Sc.25. 'n Kandidaat vir die Diploma in Toegepaste Chemie moet die graad van Baccalaureus Scientiae van die Universiteit, of van 'n ander Universiteit wat deur die Senaat erken word vir hierdie doel, behaal het met Chemie as een van sy hoofvakke.

Indien hy die Baccalaureus graad aan 'n ander universiteit verwerf het, moet hy die Senaat aangaande sy kwalifikasies in Chemie bevredig voordat hy tot die eksamen vir die Diploma toegelaat kan word.

Sc.26. Die leergang strek oor 'n tydperk van een akademiese jaar voltydse studie.

Sc.27. Die eksamen bestaan uit drie geskrewe vraestelle en die indiening van 'n verslag van praktiese werk in die vorm en volgens die metode soos voorgeskryf deur die Hoof van die Departemente Chemie.

Sc.28. 'n Student slaag met onderskeiding as hy 'n gemiddelde slaagpunt van 70% in die eksamen behaal het.

Die Graad Doctor Scientiae

Sien reëls G.42-G56.

Vir verdere inligting raadpleeg die Dekaan van die Fakulteit van Natuurwetenskappe.

Leergang vir die Graad B.Sc. (Landmeetkunde)

Die kursusse is soos volg :

Eerste Jaar :

- Wiskunde I
- Fisika I of IA
- Aardrykskunde I
- Landmeetkunde I
- Meetkundige Tekene.

Tweede Jaar

- Wiskunde II
- Elektromagnetiese Metings
- Boldriehoeksmeting
- Landmeetkunde II
- Opmeet-berekeninge I
- Toegepaste Wiskunde II

Derde Jaar

- Landmeetkunde III
- Opmeet-berekeninge II
- Praktiese Sterrekunde
- Fotogrammetrie
- Kartografie

Vierde Jaar

- Landmeetkunde IV
- Geodesie
- Professionele Praktijk
- Die uitvoering van 'n voorgeskrywe praktiese projek
- Stad-en Streeksbeplanning.



Afsl van Leergang :

University of Fort Hare

Together in Excellence

1. Om tot die kursusse van die tweede studiejaar toegelaat te word, moet 'n kandidaat Wiskunde I, Fisika I of IA en Landmeetkunde I geslaag het.
2. Om tot die derde studiejaar toegelaat te word, moet 'n kandidaat al die kursusse van die eerstejaar voltooi het, sowel as minstens Wiskunde II, Boldriehoeksmeting, Landmeetkunde II en Opmeet-berekeninge I.
3. Om tot die kursusse van die vierde studiejaar toegelaat te word, moet 'n kandidaat geslaag het in al die kursusse van die eerste en tweede jaar en minstens drie kursusse van die derde jaar waarby Landmeetkunde III en Opmeet-berekeninge II ingesluit moet wees.
4. Voor toekenning van die graad moet kandidate bewys lewer van minstens 26 weke praktiese veldwerk onder toesig van 'n goedgekeurde geregistreerde landmeter of ander bevoegde werkgewer.

KURSUSSE DEUR DIE SUID-AFRIKAANSE MEDIESE EN TANDHEELKUNDIGE RAAD ERKEN

Die Mediese en Tandheelkundige Raad het die volgende eerstejaarskursusse goedgekeur ten opsigte van die regulasievereistes vir registrasie van mediese en tandheelkundige studente:

- Biologie
- Chemie
- Fisika

LEERPLANNE

AARDRYKSKUNDE

Die berekening van die jaarpunt vir praktiese werk word gebaseer op 'n waarde-bepaling van elke kandidaat se laboratorium- en veldwerk (tot 'n maksimum van 50% van die totale jaarpunt); die orige deel word bepaal deur werkopdragte, studiekele, seminare en toetse.

Die Department beskik oor die mees moderne optiese en kartografiese toerusting wat tot die beskikking van studente in die voorbereiding van hulle praktiese en akademiese werk gestel word.

Kursus I

Hersieningslesings oor die vorm van die aarde, sy planetêre verwantskappe en die voorstelling daarvan op bolle en kaarte. Inleidende lesings oor sommige gekose basiese begrippe in die aardrykskunde. Die elemente van fisiese en kulturele aardrykskunde. Praktiese werk behels, o.a., tegnieke van tekening en meting; van vergroting en verkleining; van die diagrammatiese en kartografiese voorstelling van statistiese gegewens. Bekendstelling van vertikale lugfotos en herkenning van aardrykskundige verskynsels; eenvoudige kaartvertolking. Weerkundige waarnemings by die Departement se weerstasie.

Kursus II

Drie teorievraestelle van twee uur elk. Kursus II is 'n uitbreiding, beide in diepte en omvang van die inleidende eerstejaarkursus. B.A. en B.Sc. gedifferensieer. 'n Sistematiese benadering word gevolg.

Teorie :

B.A.-groepe: 1, 2, 3; B.Sc.-groepe: 1, 3, 4.

1. Ekonomiese Aardrykskunde; 2. Sosiale Aardrykskunde; 3. Geomorfologie; 4. Klimatologie en Weerkunde. Seminare oor die streekkundige, funksionele en onderwerp-benaderings met voorbeelde uit verskeie kontinente en onderwerpe.

Praktiese Werk :

Twee praktiese periodes per week. B.A. en B.Sc. gedifferensieer.

Die praktiese werk behels, o.a., tegnieke met betrekking tot kaartsamestelling, kaartontleding, metodes van navorsing in Sosiale Aardrykskunde; tegnieke met betrekking tot Geomorfologie- terreinevaluering en blokdiagramme; aardrykskundige interpretasie van lugfotos; statistiese tegnieke; kaartprojeksies.

Kursus III

Twee teorievraestelle van drie uur elk. Die derde studiejaar is 'n streekkundige en sistematiese toepassing van al die werk van die vorige jare met die klem op Suid-Afrika. B.A. en B.Sc. gedifferensieer.

Teorie :

B.A.-groepe: 1, 3a, 3c, 3d; B.Sc.-groepe: 2, 3a, 3b, 3d.

1. Politieke Aardrykskunde; 2. Hulpbrongeografie; 3. Streekstudies met verwysing na 3a. Geomorfologie, 3b. Klimatologie, 3c. Sosiale Aardrykskunde, 3d. Ekonomiese Aardrykskunde van Suidelike Afrika. Seminare oor Streek- en Onderwerpstudies met betrekking tot Afrika.

Praktiese Werk :

Twee praktiese periodes per week. B.A. en B.Sc. gedifferensieer.

Praktiese werk sluit o.a. in gevorderde lugfoto-ontleding, konstruksie van modelle van fisiese sisteme, sosio-ekonomiese sisteme, demografiese modelle, ekonomiese modelle, stedelike modelle en vestigings lokalisasie.

Honneurskursus

Die honneurskursus bestaan uit die volgende vyf vraestelle van 3 uur elk:

Vraestel 1: Die ontwikkeling van aardrykskunde as wetenskap en moderne rigtings in die vak.

Vraestel 2: Metodes en tegnieke van aardrykskundige navorsing.

Vraestel 3, 4 en 5 word uit die volgende gekies:

A. Vir B.Sc. (Hons.): Geomorfologie (Vraestel 3—algemeen;
Vraestel 4—gespesialiseerd)

Klimatologie (Vraestel 5—nie-gespesialiseerd)

B. Vir B.A. (Hons.): Twee spesialisierigtings is moontlik, naamlik in Sosiale en Ekonomiese Aardrykskunde. Twee vraestelle per spesialisierigting en een uit die origine word gekies:

Sosiale Aardrykskunde: Vraestel 3 (algemeen) en 4 (gespesialiseerd) of Vraestel 5 (nie-gespesialiseerd)

Ekonomiese Aardrykskunde: Vraestel 3 (algemeen) en 4 (gespesialiseerd) of Vraestel 5 (nie-gespesialiseerd)

Politiese Aardrykskunde: Vraestel 5 (nie-gespesialiseerd)

Vir Geomorfologie (Vraestel 3 en 4) is Geologie I verpligtend en vir Klimatologie (Vraestel 5) is een kursus in óf Fisika, óf Wiskunde, óf Wiskundige Statistiek verpligtend.

Vir Sosiale en Ekonomiese Aardrykskunde (Vraestelle 3 en 4) word een kursus in Statistiek sterk aanbeveel.

Vraestelle 1 en 2, en Vraestelle 3, 4 en 5 mag as aparte kombinasies geskryf word, of die vyf vraestelle mag as een kombinasie aan die einde van die kursus geskryf word.

Meesters- en Doktorsgrade

'n Dissertasie of verhandeling word, o.a. vereis.

CHEMIE

Kursus I

Teorie.

A. *Fisiese Chemie :*

Inleidende studie van fisies-chemiese onderwerpe.

B. *Anorganiese Chemie :*

Die periodieke tabel, en die chemie van bekende elemente in die hoofgroepe.

C. *Organiese Chemie :*

Chemie van eenvoudige alifatiese verbindings; inleiding tot die studie van aromatiese verbindings.

D. *Analitiese Chemie :*

Elementêre beginsels van kwalitatiewe en kwantitatiewe analise.

Prakties:

Eenvoudige bereidings; kwalitatiewe toetse; titrimetriese en gravimetriese analise.

Kursus IA

(Vir B.Agric. kandidate)

Teorie:**A. Fisiese, Anorganiese en Analitiese Chemie :**

'n Studie van grondbeginsels van fisiese, anorganiese en analitiese chemie met klem op die wat van besondere belang in die landbou is.

B. Organiese Chemie :

Inleidende studie van alifatiese, aromtiese en heterosikliese verbindings; vette, koolhidrate en stikstof-bevattende verbindings.

Prakties:

Elementêre kwalitatiewe en kwantitatiewe analise; eenvoudige bereidings en fisies-chemiese bepalings.

Kursus II**Vraestel 1: Analitiese en Anorganiese Chemie :****A. Analitiese Chemie :**

Teorie en toepassings van titrimetrie; foute in kwantitatiewe analise.

B. Anorganiese Chemie :

Inleiding tot die studie van chemiese strukture; periodieke indeling van die elemente; die chemie van die tipiese elemente.

Vraestel 2: Fisiese Chemie :

Termodinamika; kinetiese teorie van gasse; elementêre kwantum meganika.

Vraestel 3: Organiese Chemie :

Studie van alifatiese verbindings en heterosikliese aromtiese verbindings; reaksies meganismes.

Prakties :

'n Laboratoriumstudie van verteenwoordigende elemente en sommige van hulle verbindings; gevorderde titrimetriese bepalings; fisies-chemiese eksperimente; die bereiding en reaksies van uitgesoekte alifatiese en aromtiese verbindings.

Kursus III**Teorie:****Vraestel 1: Analitiese en Anorganiese Chemie :****A. Analitiese Chemie :** Gravimetriese en instrumentele metodes van analise.**B. Anorganiese Chemie :** Atoomstruktuur; kernchemie; komplekse verbindings; oorgangselemente en inneroorgangselemente.**Vraestel 2: Fisiese Chemie :**

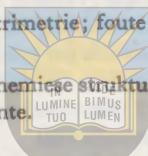
Reaksie kineties; termodinamika van nie-ideale sisteme; elektrochemie; die vaste toestand; oppervlakte-chemie.

Vraestel 3: Organiese Chemie :

Aromtiese, heterosikliese en alisikliese verbindings; fisiese tegnieke in die struktuurbeplanning van organiese verbindings.

Prakties:

'n Laboratoriumstudie van die oorgangselemente en sommige van hulle verbindings; fisies-chemiese eksperimente in fase-ewewig, oppervlakte-chemie, reaksie kineties, elektriese metinge, termodinamika; gevorderde analitiese en preparatiewe metodes van organiese chemie.



University of Fort Hare

Teaching in Excellence

Honneurs

(Voornemende kandidate moet die Hoof van die Departement raadpleeg)

Teorie:**Vraestel 1: Analitiese Chemie:**

Die teorie en toepassings van skeidingsmetodes en van instrumentele metodes van analise; die statistiese behandeling van analitiese resultate.

Vraestel 2: Anorganiese Chemie:

Nuwe ontwikkelinge in gevorderde anorganiese chemie; bereiding, eienskappe en strukture van uitgesoekte elemente en verbindinge.

Vraestel 3: Fisiese Chemie:

Kwantum meganika; molekulêre spektroskopie; statistiese meganika; teorie van absolute reaksiesnelhede.

Vraestel 4: Organiese Chemie:

Reaksie meganismes; károsikliese en heterosikliese verbindinge; aromatisiteit; natuurprodukte; sintetiese harse.

Prakties:

Analise van minder bekende elemente en komplekse materiale; fisieschemiese eksperimente in onderwerpe soos elektriese en magnetiese eienskappe, spektroskopie, kalorimetrie, reaksie-kinetiek, oppervlakte verskynsels; bepaling van funksionele groepe in organiese verbindinge; skeiding en identifikasie van die komponente van mengsels van organiese verbindinge; bereiding van uitgesoekte organiese verbindinge, gevorderde fisiese tegnieke in die bepaling van organiese strukture.

Diploma in Toegepaste Chemie

Aangesien hierdie 'n na-gradse diploma is, word aanvaar dat die basiese beginsels van organiese, anorganiese, fisiese en sekere aspekte van analitiese Chemie op voor-gradse vlak behandel is. Die kursus strek oor een akademiese jaar en lesings begin op 1 Februarie.

Teorie**Vraestel: Analitiese Chemie**

Chromatografie, spektrofotometrie, potensiometrie, radio-chemiese en ander gewone metodes van Chemiese analise.

Vraestel 2: Instrumentasie

Instrumente in die Chemiese aanleg en laboratorium, basiese elektronika. Analitiese instrumente. Verwering, water kondisionering, afvalwater, besoedeling.

Vraestel 3: Chemiese Industrie

Chemiese tegnologie van 'n wye verskeidenheid industriële materiale. Aanlegontwerp, werking van eenhede, kwaliteitskontrolle en sommige aspekte van industriële sielkunde.

Prakties:

Toepassing van die verskillende metodes van analise wat in die teorie behandel word op industriële materiale, bv. metale en allooie, afvalwater, fabriekuitskeidings, farmaseutiese chemikalieë, verwe, plantaardige en dieremateriaal, voedsel ens. Basiese elektronika, die bou van eenvoudige instrumente.

BIOCHEMIE

Biochemie I(s) :

Inleidende studie van die biochemies belangrike chemiese verbindings en begrippe onder die hoofde van voorkoms, chemiese eienskappe, funksies in die lewende organisme en kwantitatiewe bepaling metodes, nl. van koolhidrate, lipiede, aminosure, proteïene, stikstofbasiess, nukleïensure, vitamien, minerale, ko-faktore en ensieme.

'n Bespreking van die teoretiese benadering tot die verkryging van buffersisteme.

Algemene inleidende kursus oor die morfologiese en chemiese komponente van die insluitende chemiese sel, en fisiese eienskappe van selkomponente en elementêre intermediêre metaboliese sisteme nl. glikoliese, sitroensuursiklus, Knoop C-2 oksidasie van vetsure, heksose monofosfaat kortsluiting ("shunt"), oksidatiewe fosforilasie en fotosintese. (vyf lesings plus een praktika per week vir een jaar.)

Biochemie II(s) :

'n Gevorderde studie van intermediêre metabolisme van koolhidrate, lipiede, proteïene, peptiede, aminosure, nukleïensure en minerale in diere en plante.

Inleidende studie van ensie, insluitende beginsels van katalise, internasionale reëls, termodinamiese en kinetiese beginsels en beginsels van metodes van isolasie.

'n Bespreking van die biochemie van hormone met spesifieke verwysing na struktuur, funksie, meganisme van werking en die geïntegreerde wisselwerkingspatroon.

Behandeling van die elementêre beginsels van proteïen biosintese en die biochemie van gespesialiseerde weefsels insluitende die verteringskanaal, bloed en limf serebros-pierde vloeistof, urine spierweefsel, beenweefsel, sentuweefsel sintuie, smaakorgane, vel, hare en stembande.

(vyf lesings plus twee praktika per week vir een jaar.)

B.Sc. Honneurs Kursusse

Biochemie 10 :

'n Studie van normale laboratorium apparaat sowel as spesifieke navorsingsmetodes bv. kromatografie elektroforese, spektroskopie, distillasie, ultra- en sentrifugasie, teenstroomdistribusie, polarimetrie, gaskromatografie, manometrie, elektronmikroskopie, ultrasoniese vibrasie en isotooptechniek.

een lesing plus drie praktika (twee semesters).

Biochemie 11 :

Spesiale aspekte van die biochemie van plante en mikro-organismes insluitende selwandstruktuur, mineraalmetabolisme, alkaloïde en planthormone.

een lesing vir (een semester).

Biochemie 12 :

'n Studie van die gevorderde beginsels van voeding, insluitende energiemetabolisme, vitamien en spoorelemente mineraalvoeding, voedingsteurnisse en metaboliese siekte-toestande.

twee lesings plus een praktikum (een semester).

Biochemie 13 :

'n Studie van die meganisme van metaboliese-kontrole in lewende organismes. een lesing (een semester).

Biochemie 14 :

Die biochemie van verdoewingsmiddels, antibiotika en gifstowwe.
een lesing (een semester).

Biochemie 15 :

Fisies chemiese eienskappe van aminosure tot proteïene, insluitende isolasie en suiwering, struktuurbeplasing en peptied sintese.
twee lesings plus een praktikum (een semester).

Biochemie 16 :

Fisies chemiese eienskappe, chemiese sintese, biosintese en identifikasie van koolhidrate.
een lesing plus een praktikum (een semester).

Biochemie 17 :

Fisies chemiese eienskappe van nukleotiede tot nukleïensure insluitende proteïenbiosintese en die genetiese kode, struktuur beplasing en polinukleotied sintese.
een lesing plus een praktikum (een semester).

Biochemie 18 :

'n Studie van membrane, sub-sellulêre partikels en die metodes van fraksionering sowel as hersamestelling.
een lesing plus een praktikum (een semester).

Biochemie 19 :

Seminare oor die nuutste ontwikkelinge in die biochemie.
Gelykstaande een lesing vir twee semesters.



University of Fort Hare
Together in Excellence

DIERKUNDE**Kursus I**

Die finale eksamen van die kursus sal bestaan uit een teorie vraestel van drie uur.

Die jaarpunt word gebaseer op praktiese werk en teoretiese werk wat die student gedurende die jaar doen.

Die algemene bou, fisiologie, voortplanting, lewensloop en verspreiding van diere-voorbeelde word behandel as 'n inleidende studie tot Dierkunde.

Kursus II

Die eindeksamen bestaan uit twee vraestelle van 3 uur elk.

Die jaarsyfer word gebaseer op die teoretiese en praktiese werk wat die student deur die jaar doen.

A. Die grondbeginsels van Klassifikasie.

B. *Oorsig van die Invertebrata.*

Die klassifikasie, verspreiding, anatomie, fisiologie, voortplanting, embriologie, en lewensgeskiedenis van tiperende voorbeelde van die Invertebrata.

C. Spesiale verhoudings in Diere-gemeenskappe.

Kursus III

Die eindeksamen bestaan uit twee teoretiese vraestelle van 3 uur elk.

Die jaarsyfer word gebaseer op die praktiese en teoretiese werk wat gedurende die jaar gedoen word.

A. 'n Oorsig van die Chordata.

1. 'n Studie van die filogenie, klassifikasie, anatomie, voortplanting, lewensgeskiedenis en verspreiding van die verskillende groepe.

2. Teorie en veralgemenings.

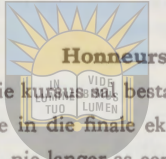
B. Sêlleer en Molekulêre Biologie.

C. Vertebrata Fisiologie.

D. Ekologie.

E. Gedragsleer van diere.

F. Embriologie van Chordata.



Die eksamen gedeelte van die kursus sal bestaan uit die volgende:

(i) Drie drie-uur-vraestelle in die finale eksamen;

(ii) 'n mondelinge vraestel, nie langer as een uur nie, en

(iii) 'n rapport oor 'n projek wat gedurende die tydperk van studie afgehandel word en wat ingehandig moet word voor die finale skriftelike eksamen geskryf word.

Hierdie is 'n eenjarige kursus maar dit sal verag word van deelydse studente om dit in 'n minimum van twee jaar te voltooi.

Hierdie kursus moet beskou word as 'n basiese opleiding in navorsing in 'n dierkundige rigting en die feitlike inhoud sal meestal in verband staan met parasitologie, ekologie en natuurbewaring. Dit sal verag word van die studente om seminare uit te werk oor die onderwerpe wat hulle gegee sal word.

BIOLOGIE IM

(Mediese Biologie)

(Een vraestel)

Afdeling A*Sitologie.*

Die eienskappe van lewendige dinge.

Selbou en die funksies van die dele.

Selverdeling. Kromosoomstruktuur.

Selmetabolisme. Ensiemwerking. Metaboliese siklusse.

Die beweging van stowwe oor selvliese.

Histologie.

Diere-histologie

Plant-histologie

Embriologie.

- Diere-embriologie
- Plant-embriologie

Genetika.

- Die materiële basis vir oorerwing. Mendel se eksperimente.
- Die gene teorie. Gene groepering. Interaksie tussen gene.
- Geslagsoorerwing. Mutasies. Genetika se verband met evolusie. Kernsure.

Afdeling B

1. Die raamwerk van 'n klassifikasie van plante.
2. Die verspreiding, bou en lewensloop van die volgende soorte:

- Dinoflagiate
- Volvox
- Penicillium
- Basidiomycete
- Varings
- Keëlplante
- Blomplante



3. *Plant-Fisiologie.*

- Waterverhoudings in plante
- Fotosintese, respirasie en fermentasie.
- Groei en groei-hormone.

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Afdeling C

1. *Die bou en fisiologie van 'n Soogdier.*

- (a) Die algemene bou van die volgende sisteme:

- | | |
|----------------------------|--------------------------|
| Die bloedvatstelsel, | Die verteringstelsel, |
| Die urogenitale-stelsel, | Die vel, |
| Die asemhalingstelsel, | Neurosensoriese-stelsel, |
| Die buisloseklier-stelsel, | Skelet. |

- (b) Die fisiologie van die volgende prosesse:

- Beweging (insluitend spierwerking)
- Die vertering, absorpsie en gebruik van voedsel
- Sensoriese aksie en die oorsprong en geleiding van senuwee-prikkels.
- Bloedsirkulasie, Uitskeiding,
- Asemhaling, Temperatuurbeheer,
- Buisloseklier-beheer, Immune-reaksies.

2. *Taksonomie, verspreiding en lewensiklusse van diere tipes.*

- Die klassifikasie van diere. Die kenmerkende eienskappe van die hoofgroepe.
- Die eienskappe en ekonomiese belangrikheid van virusse en bakterië.

Die algemene klassifikasie, anatomie, verspreiding en lewenslope van voorbeelde van die volgende groepe:

Protozoa	Porifera
Coelenterata	Platyhelminthes
Nematoda	Annelida
Arthropoda	Molluska
Teleostei	Anura
Reptilia	Aves

Afdeling D

Ekologie

Ekosisteme. Trofiese-vlakke. Die energievloei in ekosisteme. Gemeenskappe. Faktore wat organismes beïnvloed, biotiese en abiotiese faktore, digtheidafhanklike en nie-afhanklike faktore.

Varswater-ekologie.

Kommensalisme, mutualisme en parasitisme.

Die leefwyse en ekonomiese belangrikheid van die volgende:

Schistosoma, Ascaris, Pulex, Musca, Apis mellifera.

Afdeling E

Natuurbeewaring

Die algemene beginsels van natuurbeewaring.

Praktiese Werk.

Relevante praktika sal in die Departement Dierkunde gegee word.



FISIKA
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Die kern van die Fisika syllabus word gedek deur vier fundamentele onderwerpe, t.w. Meganika, Elektromagnetisme, Hitte en Moderne Fisika. Die eerste drie onderwerpe gee die ontwikkeling van die Fisika tot aan die einde van die vorige eeu. Moderne Fisika wys op die gebreke van die klassieke Fisika en toon aan hoe hierdie gebreke opgeklar is gedurende die eerste dertig jaar van die huidige eeu.

Gedurende die eerste jaar van studie word studente op 'n elementêre vlak met die eerste drie onderwerpe vertrouwd gemaak. In die daaropvolgende jaar word Meganika, Elektromagnetisme tesame met Optika aangebied, terwyl in die derde jaar Hitte, Moderne Fisika en Elektronika behandel word.

'n Algemene eerstejaarskursus met 'n wyer dekkingsveld word aangebied vir studente wat nie met Fisika wil voortgaan na 'n opvolgende studiejaar nie.

Praktika vorm 'n integrale deel van die Fisika opleiding en word vir elke jaar voorgeskryf.

Kursus IA (Byvak)

(Een Vraestel)

Meganika van vaste liggame

Meting van lengte en tyd. Skalaar- en vektorgroottes. Kinematika onder konstante versnelling. Reëlmatige sirkelbeweging. Kragte in ewewig. Elastisiteit. Bewegingswette van Newton. Dinamika onder konstante versnelling, reëlmatige sirkelbeweging en harmoniese beweging. Grawitasie. Behoud van energie en momentum. Arbeid en eenvoudige masjiene.

Meganika van Vloestowwe

Pascal se Wet. Barometer. Archimedes se Beginsel. Digtheid en soortlike gewig. Manometer. Konstante vloei. Bernoulli se Beginsel. Viskositeit. Vergelyking van Poiseuille. Werwelvloei. Oppervlakte-spanning en kapilariteit.

Temperatuur en Warmte

Temperatuurskale. Termometrie. Kalorimetrie. Uitsetting. Toestands-verandering. Elementêre kinetiese teorie en die gaswette. Damp en higrimetrie. Warmtegeleiding. Wette van die termodinamika. Masjiene en verkoelers.

Elektrisiteit en Magnetisme

Wet van Coulomb. Ladings. Velde. Elektrostatische induksie. Potensiaal. Kapasiteit. Ohm se Wet en Joule verwarming. Geleiding in vloeistowwe. Elektrolise en Faraday se Wet. Elektriese selle. Gelykstroombane. Magnetiese kragte. Volt- en ampèremeters. Wheatstone se brug. Magnetiese induksie. Ferromagnetisme. Termo-elektrisiteit. Motore en generatore. Wisselstroombane. Diodes en triodes. Versterking. Fotoselle. Osilloskoop.

Klankleer

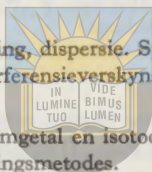
Aard van klank. Golf lengte, fasesnelheid en frekwens. Doppler effek. Trillende snaar. Oop, en toe pype. Intensiteit. Swewinge.

Optika

Aard van lig. Weerkaatsing, breking, dispersie. Spieël- en lens optiese instrumente. Sferiese en kromatiese aberrasie. Interferensieverskynsels. Fotometrie. Polarisasie.

Straling

X-strale en kristal diffraksie. Atoomgetal en isotoopgetal. Kunsmatige en natuurlike radio-aktiwiteit. Soorte strale en metingsmetodes.



Universiteit van Fort Hare
Kursus I (Hoorvak)
(Een Vraestel)
Togelike Excellence

Meganika

Vektore en skalare. Parallelogram samestelling van kragte. Newton se eerste en derde wette. Ewewig. Reglynige beweging. Newton se tweede wet. Grawitasie. Projektiese Sirkelbeweging. Arbeid en energie. Konserwatiewe en nie-konserwatiewe kragte. Behoud van energie, lineêre- en hoekmomentum. Elastisiteit. Harmoniese beweging. Klank. Hidrostatika.

Warmteleer

Termometrie. Kalorimetrie. Arbeid en hitte. Faseverandering. Wette van Termodinamika. Carnot siklus. Hitte en atoomteorie.

Elektromagnetisme

Coulomb se Wet. Elektriese veld. Millikan se bepaling van die elektronlading e . Ohm se Wet. Permittiwiteit en kapasiteit. Stroombane. Biot-Savart Wet. Magnetiese veld. Geen magneetlading. Elektronmassa m . Thomson se bepaling van e/m . Avogadro se getal. Atoommassas. Siklotron. Krag op 'n bewegende lading. Meters. Motors. Ferromagnetisme. Faraday induksie. Verplasingstroom. Elektromagnetiese aard van lig.

Kursus II
(Drie vraestelle)

*(Eerste Vraestel)**Meganika*

Vektoranalise. Samestelling van kragte. Newton se wette. Inersie en nie-inersie verwysingssysteme. Statika: deeltjie, liggaam, kabel. Konserwatiewe en nie-konserwatiewe kragte. Arbeid en potensiële energie. Grawitasie. Beginsel van virtuele arbeid. Stabiliteit. Reglynige beweging: konstante krag, posisie-afhanklike-, snelheidsafhanklike-, en tyds-

afhanklike kragte. Osillatore: kritiese demping, gedwonge ossillasies, resonansies, drywing. Beweging van 'n sisteem van deeltjies. Impulskragte.

Veranderlike massa. Beweging van 'n starre liggaam. Hoekmomentum. Traagheidsmomentum. Parallele asse teorema. Oombliklike asse. Sentrale veld beweging. Behoud van hoekmomentum. Kepler se Wette. Verstoorte kringbeweging. Versnelde verwysings-sisteme. Beweging van 'n starre liggaam in drie dimensies. Hoof-traagheidsasse. Tolbeweging.

(Tweede Vraestel)

Elektromagnetisme

Coulomb se Wet en elektriese lading. Elektriese veld en potensiaal. Gauss se Wet. Beeldmetode. Kapasiteit. Strome. Weerstand. Kirchoff se Wet. Magnetiese krag op 'n bewegende lading. Magnetiese veld en vloed-digtheid. Ampère se Wet. Biot-Savart Wet. Faraday induksie. Self- en wedersydse induksie. LCR bane. Brûe. Resonansie. Di-elektrikums en magnetiese stowwe. Maxwell se vergelykings. Elektromagnetiese golwe. Poynting se Teorema. Versnelde ladings.

(Derde Vraestel)

Optika

Snelheid van lig. Brekingsindeks. Snell se Wet. Weerkaatsing en breking by vlak en sferiese oppervlaktes. Dun en dik lense. Hoofpunte. Aberrasies. Polarisasie. Young se eksperiment. Dun lagies. Newton ringe. Michelson se interferometer. Fresnel en Fraunhofer diffraksie.

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Kursus III

(Drie vraestelle)

(Eerste Vraestel)

Warmteleer

Temperatuur. Arbeid. Eerste wet van Termodinamika. Ideale gas. Kinetiese teorie. Tweede wet van Termodinamika. Masjiene. Verkoelers. Omkeerbaarheid. Absolute temperatuur. Entropie. Carnot siklus. Statistiese teorie van hitte. Entropie as wanorde. Verdelfingsfunksie. Gelykverdeling van energie. Termodinamiese funksies. Warmtekapasiteit. Verkryging en meting van baie lae temperature. Derde wet van Termodinamika. Toepassings in klassieke- en kwantum-fisika.

(Tweede Vraestel)

Moderne Fisika

Brown beweging en Avogadro se getal. Ontdekking van elektron. Michelson-Morley eksperiment. Inersiele verwysingssisteme. Galileo en Lorentz transformasies. Postulate van Relatiwiteit. Samestelling van snelhede. Transformasie van energie-momentum. Rutherford eksperiment. Kernmassas. Isotope. Swartliggaamstraling. Plank se Wet en kwantumhipotese. Foto-elektriese effek. X-strale en die Compton effek. Deeltjie diffraksie en de Broglie se hipotese. Heisenberg se onsekerheidsprinsiep. Schrödinger se vergelyking en eenvoudige oplossings. Tunnel effek. Vry elektron en bande-teorie van geleiding. Josephson effek. Waterstofatoom volgens die modelle van Bohr en Schrödinger. Spektra. Seleksiereëls. Spin. Pauli beginsel. Deeltjieverseellers. Radioaktiwiteit. Kernreaksies en modelle. Fundamentele deeltjies.

(Derde Vraestel)

Elektronika

Halfgeleiertoestelle en hulle karakteristieke. Versterking: spanning, puls, krag. Geraas. Negatiewe terugkoppeling: spanning, stroom. Stabiliteit. Operasionele versterkers. Gestabiliseerde spanningsbronne. Positiewe terugkoppeling: osillatore, multivibrators. Golfvorm generators. Koincidens- en anti-koincidensbane. Binêre getalle. Logiese hekke. Digitale geïntegreerde stroombane.

Honneurs

Aan die einde van die eerste jaar word eksamen afgelê in drie goedgekeurde onderwerpe. Aan die einde van die tweede jaar word eksamen afgelê in drie goedgekeurde onderwerpe, waarvan een vervang mag word deur 'n goedgekeurde projek. Praktika word individueel aan studente voorgeskryf.

Honneurs in Teoretiese Fisika

Praktika : 'n Minimum van ses voorgeskryfde eksperimente word van studente vereis.

Teorie : Sewe vraestelle wat die volgende onderwerpe dek, word vereis:

- (a) Gevorderde klassieke meganika,
- (b) Statistiese meganika,
- (c) Kwantum meganika,
- (d) Relativiteitsleer,
- (e) Groepe teorie,
- (f) Veld teorie,
- (g) Wiskundige tegnieke.

Die eksperimentele werk en die eerste drie onderwerpe sal saam met die gewone honneurskursus in die Departement Fisika aangebied word, terwyl die laaste vier onderwerpe deur die Departement Toegepaste Wiskunde aangebied sal word.

Magister

Die graad word toegeken na indiening van 'n goedgekeurde verhandeling. Bykomende eksaminering mag vereis word.

Doktoraal

Die graad word toegeken op grond van 'n verhandeling wat geskik is vir publikasie in 'n vaktydskrif.

GEOLOGIE

Geologie word by Fort Hare aangebied met die aanvraag van die Ciskei en Transkei in gedagte. Aandag word verleen aan kursusse soos Sedimentologie en Sedimentêre Petrologie, terwyl Geofisika en Ingenieurs-geologie ook as belangrike beskou word tesame met mineralogie en petrologie. 'n Opsomming van die kursusse word hieronder gegee.

Kursus I

'n Inleiding tot geologie verskaf die agtergrond tot verdere studie in geologie. Dit sluit in die hooftrekke van geologie, die omvang en die posisie daarvan in die moderne samelewing. Dit handel oor die heelal, die aarde, die rotse en algemene geologiese beginsels en prosesse.

'n Inleidende kursus van stratigrafiese beginsels word aangebied en die stratigrafie van Suidelike Afrika word vlugtig behandel. Hierdie gedeelte verskaf die verhouding van Suid-Afrikaanse rotse met mekaar en met tyd.

'n Kursus in die studie van landvorme word aangebied sowel as beginsels van fotogeologie en die interpretasie van lugfotos.

Die eerstejaarskursus word afgesluit met 'n kursus in geofisika. Die magnetiese-, elektriese-, gravimetriese- en seismiese metodes word behandel, sowel as boorgatbeskrywing, hidrologie en petroleumgeologie.

Die praktiese werk sluit kartografie, en oefeninge in geologiese kaarte, fotogeologie en geofisika in.

**Kursus II**

Hierdie jaar se studie word hoofsaaklik bestee aan kristallografie (die studie van kristalle), mineralogie (die studie van minerale) en petrologie (die studie van rotse).

'n Kursus in geochemie word ingesluit, met spesiale verwysing na spoorelemente. Geochemiese opnames word kortliks behandel.

Die praktiese kursus behels kristallografie, mineralogie en petrologie—baie tyd word afgestaan aan die studie van minerale en rotse en hul optiese eienskappe. Geofisiese en fotogeologiese studies is meer gevorderd.

Kursus III

Ekonomiese Geologie met spesiale verwysing na mineraalafsettings in Suid-Afrika word bestudeer. Die kursus sluit die ontstaan-prosesse, die klassifikasie van mineraalafsettings en mineraalokalisering in.

Verdere kursusse in Geofisika, Geochemie en Petrologie word aangebied.

Die kursus in Ingenieursgeologie behels die geologiese benadering van padkonstruksie, damterreine en -fondamente, terwyl kleimineralogie ook kortliks behandel word.

Die praktiese werk sluit petrologie, geofisika en geochemie in, terwyl spesiale aandag gegee word aan sedimentêre analise en tegniese.

LANDMEETKUNDE**Eerste Jaar***Landmeetkunde I*

Gravitasie-nivellering; toets en verstelling van nivelleer-instrumente, veldmetodes, langs- en dwarsprofiel, kontoere.

Lineêre meting; instrumente en metodes, aanpassing van gemete lengtes, kettingopmeting.

Die teodoliet; algemene beskrywing, tydelike verstellings, vertikale en horisontale hoekmeting.

Handinstrumente. Kompasopmeting.

Eenvoudige trekmeting; veldmetodes en berekeninge.

Tagimetrie; veldmetodes en veldboek-herleiding.

Meettafelopmeting. Barometriese hoogtemeting.

Tekenkantoor-metodes; planimeter, tekenaa, stip van koördinate, voorbereiding van eenvoudige topografiese planne, gebruiklike simbole.

Oppervlakte-berekening.

Meetskundige Tekene

Gebruik van tekeninstrumente en -materiaal.

Rangskikking van planne, drukskrif en lettermate.

Beskrywende Meetkunde; ruimtelyste en vlakke, hul spore en ware inklinasie met projeksievlakke.

Prentprojeksie en vryhandsketse. Keëlsnedes. Deurdringing en ontwikkeling van vlakke.

Tweede Jaar

Landmeetkunde II

Instrumente-teorie; teodoliet, outomatiese nivelleer-instrumente, instrument-foute en permanente verstellings.

Koördinaatstelsels; plaaslike stelsels, beskrywing van Gauss se Konforme Projeksie.

Kleintriangulasie; metodes vir basisverlenging, triangulasie vanaf sekondêre en tersiêre kontrole, eksentriese herleiding.

Ingenieursopmeting; volumes en grondwerke, massa-vervoerdiagram, sirkelboë, oorgangsboë, vertikale boë. Uitleg van werke.

Trigonometriese nivellering; veldmetodes, afleiding van kromming- en straalbrekingkorreksies, benaderde aanpassing van trigonometriese nivelleer-netwerke.

Nota: Die eksamen sluit 'n praktiese opmetingsprojek in wat bevredigend uitgevoer moet word gedurende die eerste twee weke na die eksamens in Oktober/November.

Opmeet-Berekening I

Direkte en indirekte meting.

Liniërisasie en oplossing van liniêre vergelykings.

Beginsels van wiskundige statistiek; waarskynlikheidsteorie, sentrale- en verspreidingswaardes, statistiese verdelings, afleiding van kleinste kwadrate beginsel.

Oor-volledige stelsels; kleinste kwadrate beramers, Lagrange minimalisering en metode van korrelate, eenvoudige praktiese toepassings.

Inleiding tot elektroniese rekenaars.

Programmering vir tafel-rekenaars.

Elektormagnetiese Metings:

Optika: Aard van lig. Weerkaatsing, breking, dispersie. Spieëls en lense, aberasies, afsluitskerms. Optiese instrumente, oogstukke en objektiewe. Oplosvermoë van teleskope. Fotometrie. Snelheid van lig. Interferensie. Newton se ringe. Diffraksie. Polarisasie van lig. Foto-elektriese effek. Foto-elektriese toestelle. Kerr-sel. Lasers.

Wisselstroom teorie: Stroombane wat weerstande, kapasitore en induktansies bevat. Series en parallel resonansie stroombane. Arbeidstempo.

Elektronika: Radiobuise, transistore, ossilatore, meng-stroombane, modulاسie en deteksie. Katodestraalbuis.

Boldriehoeksmeting :

Boldriehoeke, formules van die boldriehoek. Die pooldriehoek.

Oplossing van boldriehoeke. Klein veranderings. Die stelling van Legendre. Definisie van astronomiese terme. Middelbare- en sterretyd. Bepaling van breedtegraad, lengtegraad en asimut met behulp van 'n klein teodoliet.

Derde Jaar*Landmeetkunde III*

Presiese nivellering; verkenning en waarnemings, nivelleerteorie, ortometriese en dinamiese hoogtes, presisie.

Primêre, sekondêre en tersiêre triangulasie; instrumente, verkenning en waarnemings.

Presiese trekmeting; instrumente, verkenning en waarnemings, trekmeting-presisie, rigting-beheer, ontganklike punte, benaderde metodes vir aanpassing van trekmeetnetwerke, subtenstrekmeting, astronomiese beheer van rigtings.

Kadastrale opmeting; fundamentele konsep van grondbesit, -registrasie en grensafbakening, plaas- en stedelike-opmetings, kadastrale kompilasies en opmeetgewens, superposisie, kromlynige grense, toepassing van lugopmeet-metodes, opmeetrekords, diagramme en algemene planne.

Topografiese kartering; organisasie en beplanning, toepassing van verskillende tegnieke.

Nota : Die eksamen sluit 'n praktiese opmetingsprojek in wat bevredigend uitgevoer moet word gedurende die eerste twee weke na die eksamens in Oktober/November.

Opmeet-Berekening II

Fortran programmering.

Teorie van liniêre vergelykings, lineêre afhanklikheid en voorwaardelikheid.

Kleinste kwadrate, aanpassing deur variasie van koördinate, aansuiwering van presiese trekmetings, fout-analise, standaard-toetse, die standaard-ellips en die relatiewe standaard-ellips.

Eenveranderlike en tweeveranderlike interpolasie.

Transformasies; ortogonale, konforme affiniteite.

*Kartografie**Eerste Vraestel : Kaartprojeksies*

Die algemene teorie van kaartprojeksies beskouend die aarde as 'n sfeer.

Klassifikasie van kaartprojeksies. Keuse van projeksie.

Distorsie van kaartprojeksies.

Afleiding en eienskappe van die belangrikste koniese, silindriese en senitprojeksies.

Diverse projeksies; transversale Mercator, polikoniese projeksie, die Internasionale Kaart, projeksie van Bonne.

Tweede Vraestel : Kartografiese Prosesse

Definisies, kaartklassifikasie, akkuraatheid van kartering.

Kaart-uitleg, ontwerp, een- en meerkleurige kaarte, letterwerk en simbole, reliëf-aanduiding, veralgemening, kaart-spesifikasies.

Kaart-produksietegnieke, materiale en media, skoon-tekening-metodes, bykomende letterwerk, kaarthersiening.

Kaart-reproduksie, drukprosesse en -uitrusting.
 Outomatisasie in Kartografie, ortofoto-kartering.
 Algemene bespreking van internasionale en Suid-Afrikaanse kartografie.
 Verwysingstelsels; Universele Transversale Mercator, GEOFREF.

Praktiese Sterrekunde :

Bepaling van breedtegraad, lengtegraad en asimut deur metodes van gelyke hoogtes, die prisma-astrolabium; posisielyne. Presiese bepaling; die meridiaanteleskoop, die metode van Talcott; asimut van nabye sirkumpolêre sterre. Die berekening van skynbare plekke van sterre.

Fotogrammetrie :

Vlak-perspektief. Die fototeodoliet. Kartering vanaf landfoto's. Fotogrammetriese Optika. Lugopmeetkameras. Geometriese eienskappe van lugfoto's. Ontkanteling van lugfoto's. Radiaaltriangulasie. Mosaïeke. Stereoskopie. Kartering vanaf lugfoto's. Fotogrammetriese karteermasjiene.



Landmeetkunde IV

Geodetiese opmeting; historiese agtergrond, maateenhede, optimisering, aansuiwering, presisie-bepaling.

Elektroniese afstandmeting; teorie, instrumente en tegnieke, toepassing op geodetiese en ander opmetings.

Loodlyn-afwykings en die Laplace asimut-vergelyking.

Bepaling van sirkel-graduasiefoute.

Kalibrasie van nivelleerstawe.

Giroskoop-bepaling van asimut.

Magnetiese en hidrografiese opmetings.

Geodesie

Historiese agtergrond. Referensie-sferoïede.

Drie-dimensionele koördinate en differensiaalmeetkunde van die sferoïed, insluitende geodesiek. Sferoïdale koördinate.

Algemene teorie van die Gauss Konforme Projeksie.

Geometriese en dinamiese satelliet-geodesie.

Die basiese beginsels van fisiese geodesie. Bepaling van „g” met slinger en gravimeter. Gebruik van Stoke se integraal vir berekening van die aarde se gravitasie-veld. Stelling van Clairaut en die Internasionale Swaartekragformule. Vry lug, Bouguer en Isostatiese Anomalieë.

Professionele Praktyk

Eerste Vraestel : Wetgewing en Administrasie

Wetgewing en administratiewe prosedures omtrent die opmeting, registrasie en besit van grond in Suid-Afrika in die algemeen, en die Bantoegebiede in besonder.

Pligte en verantwoordelikhede van die professionele landmeter, professionele gedrag, registrasie en dissiplinêre kontrole.

Tweede vraestel: Ekonomie van Grond

Faktore wat grondgebruik en -ontwikkeling beïnvloed.

Elementêre ekonomiese teorie. Ekonomiese faktore ten opsigte van ontwikkeling en herontwikkeling. Bepaling van ekonomiese middele.

Finansiële bronne van plaaslike besture en die uitwerking daarvan op beplanningsvoorstelle.

Die funksie van die waardeerder en elementêre beginsels van waardasie.

Die uitwerking van eiendomsreg en beplanningsvoorstelle op gevestigde en potensieël waardes. Vergoeding en verbetering.

Oorweging van alternatiewe ontwikkelingsmoontlikhede inagnemend beide private en maatskaplike kostes en voordele.

Stads- en Streekbeplanning

Eerste Vraestel: Stadsbeplanning Teorie

Historiese raamwerk. Opname en analise van grondgebruik, terrein-analise.

Praktiese toepassing van stadsbeplanning-teorie, ontwikkelingstandaarde.

Munisipale dienste insluitend gesondheids- en institusionele dienste.

Aanleg van dorpe en landbou-nedersettings.

Statutêre regulasies en prosedures.

Tweede Vraestel: Praktiese Ontwerp

Kandidate word 'n probleem gestel en word verwag om binne drie uur beginselvoorstelle te formuleer in die vorm van 'n sketsplan.

Finale voorstelle word ingedien op skoontekening nie later nie as 12 h 00 van die vierde dag na aanvang van die praktiese toets.

Die skoontekening moet in beginsel ooreenstem met die sketsplan.

Voorgeskrewe Praktiese Projek

Kandidate sal voor die einde van die derde studiejaar ingelig word omtrent die onderwerp van hul projek. Dit word van kandidate verwag om die beskikbare literatuur omtrent die onderwerp te lees, en hulle moet bewys lewer dat hulle in staat is om die projek te voltooi met minimum toesig.

Die verslag moet in keurige vorm aangebied word met geskikte illustrasies, grafieke en diagramme—waar van toepassing, asook verwysings na die literatuur wat geraadpleeg is.

Die finale datum vir indiening van die verslag val saam met die dag waarop lesings amptelik afsluit gedurende die kandidaat se vierde studiejaar. Versuim om die verslag op die vervaldatum in te handig mag meebring dat die kandidaat nie die daaropvolgende jaar kan promoveer nie.

PLANTKUNDE

Alle studente wat inskryf vir Plantkunde word aangeraai om hulle op hoogte te bring met die korrekte taalgebruik deur middel van 'n formele kursus of deur middel van studie in die taallaboratorium.

Kursus I

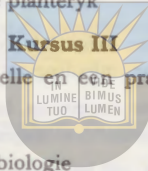
(Een teorie vraestel en een praktiese eksamen.)

1. Inleiding tot plantkundige studie
2. Plantmorfologie
3. Plantsitologie
4. Ontwikkellende plantanatonomie
5. Inleiding tot erfkheidsleer
6. Die grondbeginsels van sistematiek en 'n oorsigtelike studie van die planteryk
7. Die grondbeginsels van plantfisiologie
8. Plante en die ekosisteem

Kursus II

(Twee teorie vraestelle en een praktiese eksamen.)

1. BC 101. Die algemene biochemie van die plant
2. Morfologie en evolusie in die planteryk



(Twee teorie vraestelle en een praktiese eksamen.)

1. Plantsistematiek
2. Plantekologie
3. MB 102. Inleiding tot mikrobiologie
4. Plantfisiologie

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Honneurskursus

(Moontlike kandidate moet met die Departementshoof onderhandel. Die minimum vereiste vir toelating is 'n 60 persent slaagsyfer in Plantkunde III).

Die eksamenpunt word bereken op 'n puntetotaal van:

- (i) ten minste drie teorie vraestelle
- (ii) ten minste een praktiese eksamen en/of 'n praktiese projek wat afgehandel moet word gedurende die tydperk van studie
- (iii) 'n mondelinge eksamen wat vereis kan word.

Bepaalde afdelings in Plantkunde sal gedek word terwyl aanvullende kursusse in ander departemente voorgeskryf kan word.

BIOLOGIE I

Biologie I is 'n inleiding tot die wetenskap van lewe, hoofsaaklik bedoel vir studente wat in die Fakulteite Landbou en Opvoedkunde ingeskrif is. Dit mag ook as 'n eerstejaarskursus deur studente in ander Fakulteite geneem word, maar dit lei nie tot Plantkunde II of Dierkunde II nie.

Die kursus handel hoofsaaklik oor probleme met betrekking tot instandhouding en bestendiging van lewe met spesiale verwysing na blomplante en soogdiere. Daar word onder andere verwys na probleme betreffende energie, voedsel, waterbalans, ondersteuning, groei en voortplanting.

Aandag word ook gegee aan genetika, evolusie en taksonomie. Die morfologie en lewensiklusse van uitgekose plant- en diersoorte word bespreek. Ekologiese beginsels met betrekking tot natuurbewaring en ekonomiese belangrikheid van plante en diere word behandel.

TOEGEPASTE INFORMATIKA

Kursus II

Die kursus stel ten doel om die begrippe van inligtingsverwerking by die studente kennis te laat maak met die vernaamste toepassingsgebiede van die rekenaar. Besondere aandag word gegee aan die gebruik van rekenars in die nywerheid en administrasie.

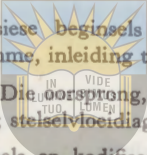
Rekenaarstruktuur: Historiese oorsig; basiese logikakringe; die interne program; invoer en uitvoer; primêre en sekondêre geheue; bedryfstelsels en tyddeling; telekommunikasies.

Toepassings: Vloei van inligting in 'n onderneming en die behou van lêers; rekenaardataverwerking; inleiding tot die vernaamste wiskundige tegnieke wat in sake gebruik word (optimalisering, netwerkontleding, vooruitskatting, simulering); data verwerkingsorganisasie; inleiding tot wetenskaplike berekenings en berekenings in die ingenieurswese (algoritmes, basiese konsepte van numeriese analise en die oplossing van nie-lineêre vergelykings).

Programmeringstegnieke: Basiese beginsels van masjiengerigte kodering vir 'n eenvoudige rekenaar; vloeiagramme, inleiding tot COBOL en FORTRAN.

Stelselontleding en ontwerp: Die oorsprong, bewaring, sortering, byhou, kontrole- ring en samevatting van inligting; stelsel vloeiagramme; gevallestudie.

Inligtingstrukture: Syferstelsels en kodifisering, leerstrukture en herwinning van inligting.



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Kursus IIIA

- Rekenaarapparatuur* : Datastrukture, lyste, skikkings; bome;
Soeking en sortering;
Vertalers en vertolkers.
- Stelselontleding en ontwerp*: Ondersoek en ontleding;
Ontwerp van opnametegnieke
- Bedryfsisteme* : Ontwerp van bedryfsisteme en die virtuelerekenaar;
Rekenaarapparatuur;
Multiprogrammering;
Databewaring;
Takbeheertaal;
Stelselprogramatuur.
- Stelselontleding en ontwerp*: Gevallestudies (twee handelsstels);
Gekoppelde en intydse stelsels;
Stelselbewaring.
- Programmering* : Bevorderd COBOL fasiliteite;
gestruktuurdeprogramme.

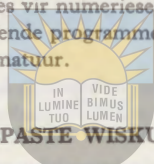
Kursus IIIB

- Rekenaarapparatuur* : Datastrukture, lyste, skikkings; bome;
Soeking en sortering;
Vertalers en vertolkers.
- Stelselontleding en ontwerp*: Ondersoek en ontleding;
Ontwerp van opnametegnieke

Bedryfsisteme : Ontwerp van bedryfsisteme en die virtuelerekenaar;
 Rekenaarapparaatuur;
 Multiprogrammering;
 Databewaring;
 Taakbeheertaal;
 Stelselprogrammatuur.

Inleiding tot tegnieke in Operasionele Navorsing : Liniere en nie-
 liniere programmering;
 Netwerkontleding;
 Simulasie;
 Voorraadbeheer.

Programmering : Gevorderde FORTRAN tegnieke;
 Algoritmes vir numeriese prosesse;
 Doeltreffende programmering;
 Programmatuur.



TOEGEPASTE WISKUNDE

Kursus II

University of Fort Hare
 (1 wee Vragsstelle)
 Together in Excellence

1. *Analitiese Metodes*

Oorsig van basiese begrippe: Reekse, differensiasie- en integrasieformules, liniere vergelykings en determinante, komplekse getalle.

Eerste orde differensiaalvergelykings: Toepassings in meganika, stroombane, buiging van balke, differensiaalmeetkunde.

Liniere differensiaalvergelykings: Metodes van oplossing, toepassings in fisika, chemie en ingenieurswese.

Laplace transformasies: Teorie en toepassings.

Vektoranalise: Vektoralgebra, die del operator, jakobiane, kromlynige koördinate.

Veelvuldige integrale en teoremas: Lyn en vlakintegrale, Green en Stokes se teoremas.

Fourierreekse.

Fourierintegrale.

Gamma en Beta funksies.

2. *Numeriese Metodes*

Oplossing van nie-liniere vergelykings.

Interpolasie polinome.

Numeriese integrasie en differensiasie.

Oplossing van gelyktydige vergelykings.

3. *Waarskynlikheid en Stogastiese Prosesse*

Waarskynlikheid. Die aksiomas van waarskynlikheid. Onafhanklikheid. Stelling van Bayes. Waarskynlikheidsverdelings vir een- en meerveranderlikes. Diskrete en kontinue gevalle. Liniere funksies van kansveranderlikes. Limietteoremas.

Stogastiese prosesse. Poissonproses. Ewekansige lopies. Toustaanprosesse. Markovkettings.

Kursus III

(Twee vraestelle)

1. *Analitiese Metodes*

Besselfunksies: Bessel en verwante funksies.

Legendrefunksies.

Sturm-Liouville sisteme: Formele studie van ortogonale funksies.

Parsieële differensiaalvergelykings.

Komplekse veranderlikes en konformale afbeelding.

Matrikse: Oorsig van basiese begrippe, ortogonaliteit, eiewaardes en -vektore, diagonalisasie.

Variasierekening.

Een opsioneel van die volgende:

Groepeteorie

Statistiese meganika

Tensoranalise en relatiwiteit

2. *Numeriese Metodes*

Formules volgens die metode van onbepaalde koëffisiënte.

Numeriese oplossing van gewone differensiaalvergelykings.

Grenswaardeprobleme.

Oplossing van parsieële differensiaalvergelykings (ellipties, paraboolies en hiperbolies).

Krommeassing en benadering van funksies.



University of Fort Hare

Together in Excellence

Nagraadse Kursusse

'n Goeie slaagsyfer in Wiskunde III is 'n noodsaaklike voorvereiste vir toelating tot die honneurs-studie. Bespreek met die hoof van die Departement.

WISKUNDIGE STATISTIEK*N.B.—Hierdie vak mag alleen deur B.Sc. Studente geneem word.***Kursus II**

(Twee vraestelle) (Tweede jaar B.Sc.)

Versamelingsleer. Waarskynlikheid. Steekproefruimtes. Voorwaardelike waarskynlikheid. Bayes se stelling.

Diskrete en kontinue toevalsveranderlikes. Verdelingsfunksies en waarskynlikheidsdigtheid-funksies. Momente en momentvoortbringende funksies. Sekere standaard verdelings. Bernoulli, binomiaal, geometriese, hipergeometriese en Poisson veranderlikes. Reghoekige, eksponensiale en normaal veranderlikes.

Gesamentlike verdelings van toevalsveranderlikes. Momente en voorwaardelike verdelings. Chebychev se ongelykheid en die wet van groot getalle. Sentrale limietstelling.

Steekproefneming en steekproefparameters. Punt- en intervalberaming. Eienskappe van beramers. Metodes van momente en maksimum aanneemlikheid. Metodes van Bayes. Spel- en beslissingsteorie.

Enkel- en meervoudige hipotese. Hipotese-toetsing. Betroubaarheidsintervalle. Regressie en korrelasie. Die tweeveranderlike normaal verdeling.

Eksperimentele ontwerp. Variansieanalise.

Kursus III

(Twee vraestelle) (Derde jaar B.Sc.)

Kort hersiening van verdelingsfunksies insluitend die Gamma-, Beta-, en Chi-kwadraatverdeling. Transformasie van veranderlikes. Die F- en t-verdelings. Uitbreiding van transformasies. Rangstatistiek. Tegnieke met moment-voortbringende funksies. Verdelings van steek-proefwaardes.

Limietstelling en verdelings. Stogastiese konvergensie. Puntberaming en voldoende steekproefparameters. Rao-Blackwell stelling en ongelykheid van Rao-Cramer. Intervalberaming. Beslissingsfunksies.

Statistiese hipotese. Gelykmatig mees onderskeidende toetse. Sekwensiële Waarskynlikheidsverhoudingstoets. Minimaks en Bayes toetsing.

Aanneemlikheidsverhoudings-toetse. Chi-kwadraat toetse. Nie-sentrale chi-kwadraat en F. Toets vir stogastiese onafhanklikheid. Nie-parametriese metodes. Verdelingsvrye toetse gebaseer op steekproef-verdelingsfunksies. Limietverdelings. Onderskeidingsvermoë van verdelingsvrye toetse. Probleem van gelyke waarnemings.

Meerveranderlike analise: multinomiaal en meerveranderlike normaal. Variansieanalise.



Voorvereiste: Normaalweg 'n slaagsyfer van 60% in Wiskunde III en Wiskundige Statistiek III.

Die eksamen bestaan uit vyf vraestelle gekies in ooreleg met die Hoof van die Departement as volg:

1. Stogastiese Prosesse. *Together in Excellence*
2. Meerveranderlike Statistiese Analise.
- 3-5. Onderwerpe uit Wiskundige Statistiek, Wiskunde, Toegepaste Wiskunde en Toegepaste Informatika.

Meesters-Graad

'n Verhandeling en sodanige addisionele werk soos vereis deur die Hoof van die Departement.

of

'n Skripsie en drie vraestelle gekies in ooreleg met die Hoof van die Departement.

STATISTIEK**Kursus I**

(Een vraestel)

Wiskunde

Getalsbegrip. Inleiding tot versamelingsleer. Funksiebegrip. Lineêre en kwadratiese funksies met eienskappe. Trigonometriese funksies van enige hoek; radiale; optellings-teoremas; inverse trigonometriese funksies; identiteite; oplossing van trigonometriese vergelykings. Limiete. Differensiasie van funksies. Afgeleides van hoër orde. Ekstreme waardes. Stelling van Rolle. Middelwaardestelling. Limietsbepaling. Integrasie van elementêre funksies. Bepaalde integraal: oppervlakte en volume.

Statistiek

Versameling van statistiese data. Verwerking van statistiese gegewens, waaronder: Groepering, frekwensietabelle, grafiese voorstelling, berekening van posisionele en spreidingsmate.

Kombinasies en permutasies. Waarskynlikheid en bewerkings met betrekking tot waarskynlikheid. Onderling onafhanklike en onderling uitsluitende gebeurtenisse. Waarskynlikheidsverdelings. Binomiaalverdeling: Eienskappe, toepassing. Poissonverdeling, Normaalverdeling en toepassing.

Elementêre steekproefteorie. Intervalskatting. Hipotesetoetsing: z , t en χ^2 -toetse.

Pare waarnemings, spreidiagram, korrelasie en regressie. Kleinste kwadrate en passing van reguit lyn. Beduidendheid van koëffisiente.

Kursus II

(Twee vraestelle)

Wiskunde

Reekse. Konvergensie en divergensie. Taylor en Maclaurin uitbreiding van funksies. Bernarde integrasie van funksies.

Parsiële integrasie. Standaard integrale.

Determinante. Oplossing van gelyktydige vergelykings. Krommepassing.

Numeriese wiskunde: Differensie en interpolasie met gelyke intervale.

Statistiek

Oorsig van versamelingsleer en waarskynlikheid. Voorwaardelike waarskynlikheid. Stelling van Bayes.

Waarskynlikheidsfunksies en waarskynlikheidsdigtheidsfunksies. Meerveranderlike verdelings, randverdelings en voorwaardelike verdelings. Verwagte waardes en momente. Momentvoortbringende funksies, limietverdelings. Produkmente. Stelling van Chebyshev.

Verdeling van die som van variante. Momente van lineêre kombinasies van variante. Steekproefteorie vir eindige populasies.

Sentrale limietstelling en toepassing.

Kursus III

(Twee vraestelle)

Wiskunde

Differensiaalvergelykings. Transformasies: algemeen, ortogonaal, poolkoördinate.

Gamma- en Betafunksies.

Matriksteorie.

Numeriese wiskunde: Interpolasie met ongelyke intervale. Formules van Newton, Lagrange, Gauss en Stirling.

Statistiek

Steekproefverdelings. Rangstatistieke.

Spel- en beslissingsteorie.

Teorie en toepassing van hipotesetoetsing: parametries en verdelingsvry.

Twee- en meerveranderlike normaalverdeling. Normaal korrelasie- en regressie-teorie.

Variansie analise: eenrigting-, tweerigtingklassifikasie en Latynse vierkant.

WISKUNDE**Kursus I**

'n Algemene inleiding tot Analise, Algebra en Meetkunde.

Die eksamen bestaan uit:

Vraestel 1. (Wiskunde IA) en

Vraestel 2. (Wiskunde IB)—elke vraestel duur drie uur.

Kursus II

Vraestel 1.

Liniere vergelykings en matrikse. Matriks Algebra. Reële vektorruimtes. Liniere transformasies en matrikse Determinante.

Vraestel 2.

Topologie vir reële getalle. Differensieerbare funksies. Veelvoudige integrasie.

Gewone differensiaal vergelykings: Eksistensiële stellings. Oplos van vergelykings van die eerste orde en eerste graad. Teorie van lineêre vergelykings en oplos van lineêre vergelykingsmet konstante koëffisiënte en homogene vergelykings.

Vektoranalise: Vektor algebra, Differentiaal Meetkunde, Differentiaal vektorrekening en integrasie.

Kursus III

Vraestel 1.

Eie waardes en eievektore van lineêre afbeeldings Biliniere en kwadratiese vorms. Groepe, ringe en liggame.

Vraestel 2.

Analise—'n Streng behandeling van die stelsel van reële getalle as 'n volledige Archimediese ten volle geordende liggaam. Metriese ruimtes. Kontinuitet in metriese ruimtes. Uniforme kontinuïteit. Uniforme konvergensie. Differentieërbaarheid in gnormeerde ruimtes. Die Riemann-Stieltjes integraal. Elementêre teorie van Numeriese Wiskunde.

Vraestel 3.

Gelykmatige konvergensie en voldoende voorwaardes vir die termgewyse integrasie en differensiasie van 'n reeks van funksies van 'n reële of komplekse veranderlike. Eienskappe van magreëke. Die logaritmiëse, eksponensiële en trigonometriëse funksies van reële en komplekse veranderlikes. Lynintegrale in die reële en komplekse vlak. Differentieërbaarheid van funksies van 'n komplekse veranderlike, analitiese funksies en die Cauchy-Riemann-vergelykinge. Die stelling van Cauchy. Taylor en Laurent se ontwikkelinge, residue, kontoer-integrasie. Konforme afbeelding en Analitiese voortsetting.

Honneurseksamen

Vier vraestelle oor goedgekeurde onderwerpe.

Magisterseksamen

Die eksamen bestaan uit ðf twee vraestelle oor goedgekeurde onderwerpe en 'n verhandeling oor 'n goedgekeurde onderwerp, ðf slegs 'n verhandeling.

Fakulteit Opvoedkunde

1. Die Fakulteit Opvoedkunde is hoofsaaklik verantwoordelik vir die professionele opleiding van onderwysers.
 - 1.1. Die Hoër Sekondêre Onderwysdiploma is hoofsaaklik bedoel vir studente wat nie matrikulasie-vrystelling verkry het nie en kan gevolg word in een van die volgende rigtings:
 - 1.1.1. Lettere.
 - 1.1.2. Natuurwetenskappe.
 - 1.1.3. Ekonomiese Wetenskappe.
 - 1.1.4. Skone Kunste.
 - 1.1.5. Musiek.
 - 1.1.6. Liggaamsopvoeding.
 - 1.2. Die Universiteits-onderwysdiploma is 'n nagraadse diploma. Studente moet egter hulle graadkursusse in ooreenstemming met Regulasie E.21 gekies het om toegelaat te word tot die U.O.D. Dit is dus van besondere belang dat voornemende onderwysstudente hulle graadleergang met sorg moet kies. Praktiese en proefonderwys vorm 'n integrale deel van onderwysersopleiding. Voornemende studente moet hul aan die einde van die studiejaar wat hul professionele jaar voorafgaan, by die Fakulteit Opvoedkunde aanmeld om die nodige reëlings vir hul skoolbesoek aan die begin van die volgende skooljaar te tref.
 - 1.3. Baccalaureus Pedagogiae is 'n 4-jarige geïntegreerde professionele graad en kan in een van die volgende vier rigtings geneem word:
 - 1.3.1. Lettere.
 - 1.3.2. Natuurwetenskappe.
 - 1.3.3. Ekonomiese Wetenskappe.
 - 1.3.4. Landbou.
 - 1.3.5. Musiek.

Persone wat in besit is van hierdie graad het direkte toelating tot die B.Ed. en kan met sekere voorbehoude registreer vir die honneurs-graad.



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2. Die Fakulteit Opvoedkunde bied ook gespesialiseerde opleiding in die Opvoedkunde op nagraadse vlak aan. Om diensdoende onderwysers te help, word die B.Ed.-klasse op Saterdag gehou en word die kursus oor twee jaar versprei.
3. Spesiale toekennings, beurse en lenings is beskikbaar vir onderwysstudente. Aansoeke moet aan die Universiteit en/of die Sekretaris van die onderskeie Departemente van Onderwys gerig word.

REGLEMENT VIR DIE FAKULTEIT OPVOEDKUNDE

Die Fakulteitsreëls wat hierop volg moet tesame met die voorskrifte van die Wet, die Statuut, die regulasies en die algemene reëls geles word.

GRADE EN DIPLOMAS

- E.1 (1) Die volgende grade word in die Fakulteit toegeken:
- | | |
|-------------------------------|--------|
| Baccalaureus Pedagogiae..... | B.Ped. |
| Baccalaureus Educationis..... | B.Ed. |
| Magister Educationis..... | M.Ed. |
| Doctor Educationis..... | D.Ed. |
- (2) Die volgende nagraadse diploma word in die Fakulteit uitgereik:
- | | |
|------------------------------------|--------|
| Universiteitsonderwysdiploma | U.O.D. |
|------------------------------------|--------|
- (3) Die volgende voorgraadse diploma word in die Fakulteit uitgereik:
- | | |
|--------------------------------------|----------|
| Hoër Sekondêre Onderwysdiploma | H.S.O.D. |
|--------------------------------------|----------|

DIE GRAAD BACCALAUREUS PEDAGOGIAE

Duur van Leergang.

- E.2 Die leergang strek oor vier studiejare.

Studierigtings.

- E.3 Die graad kan in enigen van die volgende studierigtings behaal word:—
- Lettere en Wysbegeerte (hoofvakke: Aardrykskunde, Afrikaans, Bantoetaal, Biblioteekkunde, Bybelkunde, Duits, Engels, Geskiedenis, Latyn, Sielkunde.)
 - Natuurwetenskappe (hoofvakke: Chemie of Fisika, Plantkunde of Dierkunde, Wiskunde of Aardrykskunde.)
 - Ekonomiese Wetenskappe.
 - Musiek
 - Landbou

Leergange.

- E.4 Die leergang vir elkeen van die verskillende studierigtings is, met afwykings vir verskillende hoofvakke indien van toepassing, soos in die skedule* uiteengesit.

E.5 (1) Behalwe met vergunning van die Senaat, word 'n student nie toegelaat om in te skryf vir enigen van die kursusse van die tweede studiejaar nie, alvorens hy minstens twee kursusse van die eerste studiejaar voltooi het.

(2) Behalwe met vergunning van die Senaat, word 'n student nie toegelaat om in te skryf vir enige van die kursusse van die derde studiejaar nie, alvorens hy al die kursusse van die eerste studiejaar en minstens drie kursusse van die tweede studiejaar voltooi het.

(3) Behalwe met vergunning van die Senaat, word 'n student nie toegelaat om in te skryf vir enige van die kursusse van die vierde studiejaar nie, alvorens hy al die kursusse van die eerste en tweede studiejaar en minstens drie kursusse van die derde studiejaar voltooi het.

(4) Behalwe met vergunning van die Senaat, mag 'n student in enige studiejaar nie inskryf vir meer kursusse as die aantal wat in die betrokke leergang van die skedule aangedui word nie: Met dien verstande dat hy in die tweede of meer gevorderde studiejaar

*Sien skedule na Reël E10.

een kursus meer as die maksimum mag neem as dit 'n kursus is waarin hy voorheen gedruip het mits daar geen spesiale voorsiening op die rooster gemaak moet word om die kursus te akkommodeer nie.

Skoolbesoek en praktiese onderwys.

E.6 (1) Twee weke voor die aanvang van die derde akademiese jaar (verkieklik die eerste twee weke van Februarie) word bestee aan skoolbesoek.

(2) Twee weke gedurende die eerste semester en twee weke gedurende die tweede semester van die vierde akademiese jaar, word bestee aan praktiese onderwys.

Eksamen.

E.7 (1) Ten einde 'n kursus te voltooi in 'n vak wat in 'n ander Fakulteit as Opvoedkunde aangebied word, moet 'n student aan die vereistes van die betrokke Fakulteit voldoen.

(2) Ten einde 'n kursus in 'n vak te voltooi wat in die Fakulteit Opvoedkunde aangebied word, moet 'n student voldoen aan die vereistes van die algemene reëls vir baccalaureusgrade, behalwe waar anders bepaal word.

(3) Die eksamen in albei die metodiekkursusse sluit 'n praktiese onderwystoets in wat uit twee toetslesse bestaan vir elke Metodiekvak. 'n Subminimum van 40% word vir elke vak voorgeskryf.

(4) Die eksamen in Professionele Opleiding sal 'n evaluering insluit in Oudiovisuele Hulpmiddels, Mikro-onderwys, Skoolhigiëne, Skooladministrasie en een van die volgende praktiese vakke:—

(i) Liggaamlike Opvoeding.

(ii) Musiek en Koorsang.

(iii) Skone Kunste.

(5) Mediumkursusse word aangebied in Xhosa, Suid-Sotho, Afrikaans en Engels. Die eksamen in hierdie kursusse is skriftelik sowel as mondeling. 'n Student slaag (in die laer graad) as hy 'n totaal van 50% behaal met 'n subminimum van 40% in elk van die twee dele. 'n Kandidaat wat 'n totaal van 60% met 'n subminimum van 50% behaal, slaag in die hoër graad. Die eksamen in minstens een mediumkursus moet in die hoër graad geslaag word.

(6) 'n Student wat 'n Mediumkursus volg, mag aan die begin van die jaar vir 'n toets aanmeld en indien hy in die Höergraad slaag, vrystelling van verdere bywoning verleen word.

E.8. (1) 'n Student wat in 'n eerste- of tweedejaarskursus gedruip het, kan toegelaat word tot 'n aanvullingseksamen in daardie kursus, mits hy voldoen aan die vereistes van die Fakulteit wat die kursus aanbied.

(2) 'n Student wat in 'n derde- of vierdejaarskursus gedruip het, kan toegelaat word tot 'n aanvullingseksamen in daardie kursus, mits hy die volgende behaal het:—

(a) 'n jaarpunt van minstens 50%;

(b) 'n gemiddelde van minstens 45% vir die jaarpunt en eksamenpunt gesamentlik; en

(c) die slaagpunt in minstens twee ander kursusse by dieselfde eksamen: Met dien verstande dat hierdie vereistes ter syde gestel mag word in die geval van 'n enkele kursus wat die finale vereiste vir die graad is, mits die kandidaat hom vir die gewone eksamen aangemeld het.

(3) 'n Student wat nie die slaagsyfer in 'n metodiekkursus behaal het nie, mag hom nie voor die einde van die volgende akademiese jaar vir hereksamen aanmeld nie: Met dien verstande dat 'n kandidaat wat die slaagsyfer behaal het, maar nie die voorgeskrewe subminimum in een of albei die praktiese onderwystoetse behaal het nie, hom later in die eerste semester van die daaropvolgende akademiese jaar vir hereksamen in sodanige toets of toetse mag aanmeld, en tot dan erkenning behou vir die teoretiese deel van die eksamen.

(4) 'n Aanvullingseksamen in die taalmediumtoetse word nie voor Mei van die daaropvolgende jaar gehou nie.

Vrystellings.

E.9 (1) 'n Student kan vrygestel word van die praktiese vereistes in Skoolhigiëne mits hy 'n erkende sertifikaat van die Rooikruis of die St. John's Ambulans kan voorlê.

(2) 'n Student wat op Matrikulasievlak nie 'n Bantoetaal geneem het waarin 'n mediumkursus aan hierdie Universiteit aangebied word nie, mag vrygestel word van die Moedertaal medium toets mits hy Engels en Afrikaans as media neem en in minstens een daarvan in die hoër graad slaag.

Onderskeiding.

E.10 'n Student wat in die finale kursus van 'n hoofvak die standaard behaal wat deur die Senaat neergelê word, slaag daardie vak met onderskeiding.



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SKEDULE TOT PARAGRAAF E.4
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DIE GRAAD BACCALAUREUS PEDAGOGIAE LETTERE

1. Hoofvakke waarin drie kursusse gevolg kan word:
 - Afrikaans
 - Bantoetaal
 - Engels
 - Latyn
 - Sielkunde
 - Aardrykskunde
 - Geskiedenis
 - Duits
 - Biblioteekwetenskap
 - Bybelkunde

2. Byvakke waarvan nie meer as een kursus gevolg mag word nie:
 - Filosofie
 - Staatsleer
 - Sosiologie
 - Spesiale Taal Kursusse
 - Antropologie
 - Sistematiese Teologie/Kerkgeskiedenis (slegs met Bybelkunde)
 - Griekse Kultuur

I. Hoofvak: Bantoetaal

Eerstejaar :

Minstens vier, of die volgende vyf kursusse waarvan die eerste verpligtend is :

1. Bantoetaal I
2. Engels I
3. Afrikaans/Duits/Latyn/'n ander Bantoetaal I
4. Geskiedenis/Sielkunde/Aardrykskunde I
5. Filosofie/Staatsleer/Sosiologie/Antropologie I.

Tweedejaar :

1. Bantoetaal II
2. Geskiedenis/Engels/Afrikaans/Duits/Latyn II
3. Opvoedkunde I
4. Filosofie/Staatsleer/Sosiologie/Antropologie I.

Derdejaar :

1. Bantoetaal III
2. Opvoedkunde II
3. Professionele Opleiding A.
4. Alle Mediums.



Vierdejaar :

1. Metodiek van die Hoofvak
2. Opvoedkunde III
3. Geskiedenis/Engels/Afrikaans ens. (Metodiek) (insluitende Praktiese Onderwys)
4. Professionele Opleiding B.

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II. Hoofvak: Engels

Eerstejaar :

Minstens vier, of die volgende vyf kursusse waarvan die eerste verpligtend is :

1. Engels I
2. Bantoetaal I
3. Afrikaans/Duits/Latyn/'n ander Bantoetaal I
4. Geskiedenis/Sielkunde/Aardrykskunde I
5. Filosofie/Staatsleer/Sosiologie/Antropologie I.

Tweedejaar :

1. Engels II
2. Bantoetaal/Geskiedenis/Afrikaans/Latyn/Duits II
3. Opvoedkunde I
4. Filosofie/Staatsleer/Sosiologie/Antropologie I.

Derdejaar :

1. Engels III
2. Opvoedkunde II
3. Professionele Opleiding A
4. Alle mediums.

Vierdejaar :

1. Metodiek van die Hoofvak
2. Opvoedkunde III
3. Geskiedenis/Engels/Afrikaans ens. (Metodiek) (insluitende Praktiese Onderwys)
4. Professionele Opleiding B.

III. Hoofvak: Afrikaans

Eerstejaar :

Minstens vier, of die volgende vyf kursusse waarvan die eerste verpligtend is:

1. Afrikaans I
2. Bantoetaal (Engels) I
3. Engels/Duits/Latyn I
4. Geskiedenis/Sielkunde/Aardryskkunde I
5. Filosofie/Staatsleer/Sosiologie/Antropologie/Bybelkunde I.

Tweedejaar :

1. Afrikaans II
2. Bantoetaal/Engels/Geskiedenis II
3. Opvoedkunde I
4. Filosofie/Staatsleer/Sosiologie/Antropologie/Bybelkunde I.



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Derdejaar :

1. Afrikaans III
2. Opvoedkunde II
3. Professionele Opleiding A
4. Alle mediums.

Vierdejaar :

1. Metodiek van die Hoofvak
2. Opvoedkunde III
3. Bantoetaal/Engels/Geskiedenis (Metodiek) (insluitende Praktiese Onderwys)
4. Professionele Opleiding B.

IV. Hoofvak: Sielkunde

Eerstejaar :

Minstens vier, of die volgende vyf kursusse waarvan die eerste verpligtend is:

1. Sielkunde I
2. Bantoetaal/Afrikaans I
3. Engels I
4. Geskiedenis/Aardryskkunde I
5. Filosofie/Staatsleer/Sosiologie/Antropologie I.

Tweedejaar :

1. Sielkunde II
2. Bantoetaal/Afrikaans/Engels/Geskiedenis/Aardryskkunde II
3. Opvoedkunde I
4. Sosiologie/Antropologie.

Derdejaar :

1. Sielkunde III
2. Opvoedkunde II
3. Professionele Opleiding A
4. Alle mediums.

Vierdejaar :

1. Metodiek van die Hoofvak
2. Opvoedkunde III
3. Bantoetaal/Afrikaans/Engels/Geskiedenis/Aardrykskunde (Metodiek) (insluitende Praktiese Onderwys)
4. Professionele Opleiding B.

V. Hoofvak: Aardrykskunde

Eerstejaar :

Minstens vier, of die volgende vyf kursusse waarvan die eerste verpligtend is:

1. Aardrykskunde I
2. Bantoetaal/Afrikaans I
3. Geskiedenis/Biblioteekwetenskap I
4. Engels/Latyn I
5. Filosofie/Staatsleer/Sosiologie/Antropologie I.



Tweedejaar :

1. Aardrykskunde II
2. Bantoetaal/Afrikaans/Geskiedenis/Bybelkunde II
3. Engels II
4. Opvoedkunde I
5. Filosofie/Staatsleer/Sosiologie/Antropologie I.

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Derdejaar :

1. Aardrykskunde III
2. Opvoedkunde II
3. Professionele Opleiding A
4. Alle mediums.

Vierdejaar :

1. Metodiek van die Hoofvak
2. Opvoedkunde III
3. Bantoetaal/Afrikaans/Geskiedenis/Bybelkunde/Engels (Metodiek) (insluitende Praktiese Onderwys)
4. Professionele Opleiding B.

VI. Hoofvak: Geskiedenis

Eerstejaar :

Minstens vier, of die volgende vyf kursusse waarvan die eerste verpligtend is:

1. Geskiedenis I
2. Bantoetaal/Afrikaans I
3. Aardrykskunde/Biblioteekwetenskap/Bybelkunde I
4. Engels/Latyn I
5. Filosofie/Staatsleer/Sosiologie/Antropologie I

Tweedejaar :

1. Geskiedenis II
2. Bantoetaal/Afrikaans/Aardrykskunde/Bybelkunde/Engels II
3. Opvoedkunde I
4. Filosofie/Staatsleer/Sosiologie/Antropologie I.

Derdejaar :

1. Geskiedenis III
2. Opvoedkunde II
3. Professionele Opleiding A
4. Alle mediums.

Vierdejaar :

1. Metodiek van die Hoofvak
2. Opvoedkunde III
3. Bantoetaal/Afrikaans/Aardrykskunde/Bybelkunde/Engels (Metodiek) (insluitende Praktiese Onderwys)
4. Professionele Opleiding B.



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VII. Hoofvak: Biblioteekwetenskap

Eerstejaar :

Minstens vier, of die volgende vyf kursusse waarvan die eerste verpligtend is:

1. Biblioteekwetenskap I
2. Afrikaans/Latyn I
3. Engels/Duits I
4. Bantoetaal/Geskiedenis I
5. Filosofie/Antropologie I.

Tweedejaar :

1. Biblioteekwetenskap II
2. Afrikaans/Latyn/Engels/Duits/Bantoetaal II
3. Opvoedkunde I
4. Filosofie/Antropologie/'n Taal I.

Derdejaar :

1. Biblioteekwetenskap III
2. Opvoedkunde II
3. Professionele Opleiding A
4. Alle mediums.

Vierdejaar :

1. Metodiek van die Hoofvak
2. Opvoedkunde III
3. Afrikaans/Latyn/Engels/Bantoetaal (Metodiek) (insluitende Praktiese Onderwys)
4. Professionele Opleiding B.

VIII. Hoofvak: Bybelkunde

Eerstejaar :

Minstens vier, of die volgende vyf kursusse waarvan die eerste verpligtend is:

1. Bybelkunde I
2. Afrikaans/Bantoetaal I
3. Engels/Geskiedenis I
4. Sismatiese Teologie/Kerkgeskiedenis/Filosofie I
5. Filosofie/Sosiologie/Antropologie/Beginsels van Griekse Kultureur.

Tweedejaar :

1. Bybelkunde II
2. Afrikaans/Bantoetaal/Engels/Geskiedenis II
3. Opvoedkunde I
4. Filosofie/Sosiologie/Antropologie I/Beginsels van Griekse Kultureur.

Derdejaar :

1. Bybelkunde III
2. Opvoedkunde II
3. Professionele Opleiding A
4. Alle mediums.



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Vierdejaar :

1. Metodiek van die Hoofvak
2. Opvoedkunde III
3. Afrikaans/Bantoetaal/Engels/Geskiedenis (Metodiek) (insluitende Praktiese Onderwys)
4. Professionele Opleiding B.

DIE GRAAD BACCALAUREUS PEDAGOGIAE NATUURWETENSKAPPE

Hoofvakke waarin drie kursusse gevolg kan word:
Chemie, Fisika, Plantkunde, Dierkunde, Wiskunde of Aardrykskunde.

I. Hoofvak: Chemie of Fisika

Eerstejaar :

1. Chemie I
2. Fisika I
3. Wiskunde I
4. Plantkunde I/Dierkunde I.

Tweedejaar :

1. Chemie II
2. Fisika II
3. Plantkunde I/Dierkunde I/Toegepaste Wiskunde II (Indien Wiskunde I geslaag is)
4. Opvoedkunde I.

Derdejaar :

1. Chemie III/Fisika III
2. Opvoedkunde II
3. Professionele Opleiding A
4. Alle mediums.

Vierdejaar :

1. Metodiek van die Hoofvak
2. Opvoedkunde III
3. Metodiek van Wiskunde of Biologie (insluitende Praktiese Onderwys)
4. Professionele Opleiding B.

II. Hoofvak: Plantkunde of Dierkunde**Eerstejaar :**

1. Plantkunde I
2. Dierkunde I
3. Chemie I
4. Fisika I/Wiskunde I/Aardrykskunde I



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Tweedejaar :

1. Plantkunde II
2. Dierkunde II
3. Fisika I/Wiskunde I/Aardrykskunde I nie geneem onder 4 hierbo nie.
4. Opvoedkunde I.

Derdejaar :

1. Plantkunde III/Dierkunde III
2. Opvoedkunde II
3. Professionele Opleiding A
4. Alle mediums.

Vierdejaar :

1. Metodiek van die Hoofvak
2. Opvoedkunde III
3. Metodiek van Natuur- en Skeikunde/Wiskunde/Aardrykskunde (insluitende Praktiese Onderwys)
4. Professionele Opleiding B.

III. Hoofvak: Wiskunde**Eerstejaar :**

1. Wiskunde I
2. Fisika/Aardrykskunde I
3. Fisika/Dierkunde I
4. Chemie I/Plantkunde I

Tweedejaar :

1. Wiskunde II
2. Fisika II/Chemie II/Aardrykskunde II/Plantkunde II/Dierkunde II/Wiskundige Statistiek II/Toegepaste Wiskunde II
3. Fisika I/Chemie I/Aardrykskunde I/Plantkunde I/Dierkunde I nie geneem onder 3 of 4 hierbo
4. Opvoedkunde I.

Derdejaar :

1. Wiskunde III
2. Opvoedkunde II
3. Professionele Opleiding A
4. Alle mediums.

Vierdejaar :

1. Metodiek van die Hoofvak
2. Opvoedkunde III
3. Metodiek van Natuur- en Skeikunde/Biologie/Aardrykskunde (insluitende Praktiese Onderwys)
4. Professionele Opleiding B.



IV. Hoofvak: Aardrykskunde University of Fort Hare
Together in Excellence

Eerstejaar :

1. Aardrykskunde I
2. Geologie I
3. Chemie I/Plantkunde I/Wiskunde I
4. Fisika I/Dierkunde I.

Tweedejaar :

1. Aardrykskunde II
2. Chemie II/Fisika II/Plantkunde II/Dierkunde II/Wiskunde II
3. Chemie I/Plantkunde I/Wiskunde I/Fisika I/Dierkunde I nie geneem onder 3 of 4 hierbo nie
4. Opvoedkunde I.

Derdejaar :

1. Aardrykskunde III
2. Opvoedkunde II
3. Professionele Opleiding
4. Alle mediums.

Vierdejaar :

1. Metodiek van die Hoofvak
2. Opvoedkunde III
3. Metodiek van Natuur- en Skeikunde/Biologie/Wiskunde (insluitende Praktiese Onderwys)
4. Professionele Opleiding B.

**DIE GRAAD BACCALAUREUS PEDAGOGIAE
EKONOMIESE WETENSKAPPE**

Eerstejaar :

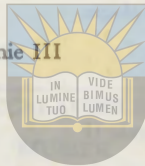
1. Ekonomie I
2. Bedryfsekonomie I
3. Rekeningkunde I
4. Kommerisiële Reg I
5. Statistiek I of Statistiese Metodes.

Tweedejaar :

1. Ekonomie II
2. Bedryfsekonomie II
3. Rekeningkunde II
4. Opvoedkunde I

Derdejaar :

1. Ekonomie III/Bedryfsekonomie III
2. Opvoedkunde II
3. Professionele Opleiding
4. Alle mediums.

**Vierdejaar :**

1. Metodiek van die Hoofvak
2. Opvoedkunde III
3. Een van die volgende metodieke: Rekeningkunde/Ekonomie/Tik (insluitende Praktiese Onderwys)
4. Metodiek van Engels, Afrikaans, Bantoetaal (insluitende Praktiese Onderwys)

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**DIE GRAAD BACCALAUREUS PEDAGOGIAE
LANDBOU**

Jaar	Sem.	No.	Kursus	Voor- en Medeveeristes	Eenhede per week	Totaal
I	1	—	Chemie I	—	5+1	
		—	Biologie I	—	5+1	
		—	Fisika I/Wiskunde I	—	5+1	
		CS 101	Landbouweerkunde en waterhuis-houding	—	3+1	
		AE 101	Landbou in die Ekonomie	—	1+0	23
.....						
	2	—	Chemie I	—	5+1	
		—	Biologie I	—	5+1	
		—	Fisika I/Wiskunde I	—	5+1	
		AH 112	Elementêre Dieregesondheid	—	5+1	24

Jaar	Sem.	No.	Kursus	Voor- en Medevereistes	Eenhede	Totaal
II	3	—	Opvoedkunde I	—	5+0	23
		SS 101	Inleiding tot Grondkunde	Chem. I	5+1	
		AS 101	Inleiding tot die Veekunde	—	5+1	
		BC —	Geselekteerde kursusse in Biochemie.	Chem. I	6	
	4	—	Opvoedkunde I	—	5+0	25½
		CS 112	Inleiding tot Plantwetenskap	CS 101	5+1	
		SS 222	Plantvoeding en Grondvrugbaarheid	SS 101	4+½	
		AS 202	Dierevoeding	AS 101	5+1	
		PS 102	Weidingekologie	CS 112	3+1	
				(Medevereistes)		
III	5	—	Opvoedkunde II	—	5+0	27
		—	Medium	—	2+0	
		—	Professionele Opleiding A	—	8+1	
		CS 201	Beginnelye van Gewasproduksie	CS 101	5+1	
		PS 201	Weidingsbestuur	CS 112	4+1	
			(Medevereiste)			
	6	—	Opvoedkunde II	—	5+0	24½
		—	Medium	—	2+0	
		—	Professionele Opleiding A	—	8+1	
		MB 102	Inleiding tot Mikrobiologie	—	5+1	
PS 222		Veldhenuwing	PS 102	2+½		
		(Medevereiste)				
IV	7	—	Opvoedkunde III	—	5+0	26-28
		—	Landbou Metodiek	—	4+0	
		—	Metodiek van Biologie/Natuur- en Skeikunde	—	4+0	
		HC 101	Grondbeginsels van Vrugte- en Groenteproduksie	CS 112	5+1	
		MB 221	Plantplaaigbeheer	MB 102	4+1	
			<i>Een van die volgende:</i>			
		AS 241	Suiwelkunde	—	3+1	
		CS 121	Elementêre Besproeiing	CS 101	2+1	
AE 131	Bemaking van Landbouprodukte	—	2+0			

Jaar	Sem.	No.	Kursus	Voor- en Medeveeristes	Eenhede	Totaal
	8	—	Opvoedkunde III	—	5+0	
		—	Landbou Metodiek	—	4+0	
		—	Metodiek van Biologie/Natuur- en Skeikunde		4+0	
			<i>Een van die volgende :</i>			
		AE 142	Boerderybestuur	—	3+1	
		PS 212	Voerproduksie en- bewaring	PS 201 (Medeveeriste)	4+1	
		EX 102	Inleiding tot Landbouvoor- ligting.	—	3+0	
						16-18

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DIE GRAAD BACCALAUREUS PEDAGOGIAE

MUSIEK

University of Fort Hare
*Together in Excellence***Hoofvak: Musiek en Musiekopleiding****Eerstejaar :**

1. Musiek I
2. Musiekopleiding I/Engels I/Geskiedenis I
3. Bantoetaal/Afrikaans/Duits I
4. Afrikaans of Bantoetaal.

Tweedejaar :

1. Musiek II
2. Musiekopleiding II
3. Opvoedkunde I
4. Engels II of Afrikaans II of Bantoetaal II.

Derdejaar :

1. Musiek III
2. Musiekopleiding III/Opvoedkunde II
3. Opvoedkunde II
4. Mediums.

Vierdejaar :

1. Musiek gevorderde of Musiekopleiding (gevorderd)
2. Opvoedkunde III
3. Professionele Opleiding B
4. Metodiek van Engels, Afrikaans, Bantoetaal, (insluitende Praktiese Onderwys)

DIE GRAAD BACCALAUREUS EDUCATIONIS

Toelating.

E.11 Niemand word toegelaat as kandidaat vir die graad nie, tensy hy reeds toegelaat is tot—

- (a) die graad Baccalaureus Pedagogiae van die Universiteit of tot die status daarvan; of
- (b) 'n baccalaureusgraad in Liggaamlike Opvoeding aan 'n goedgekeurde Universiteit; of
- (c) enige ander baccalaureusgraad van die Universiteit of tot baccalaureusstatus aan die Universiteit *en* die Universiteitsonderwysdiploma behaal het: Met dien verstande dat 'n gegradueerde in besit van 'n onderwysertifikaat maar nie die Universiteitsonderwysdiploma nie, op die volgende voorwaardes toegelaat kan word:

- (1) Indien hy na-matrikulasie opleiding gehad het, moet hy *of*
 - (i) bewys lewer van vyf jaar bevestigende onderwysondervinding; *of*
 - (ii) 'n toets in die vyf vakke: Filosofie van die Opvoeding, Empiriese Opvoedkunde, Historiese Opvoedkunde, Didaktiek en Vergelykende Opvoedkunde slaag, wat by die eerste poging gelyktydig afgeskryf moet word: Met dien verstande dat 'n student erkenning ontvang vir elke vak waarin hy slaag, maar hom nie vir hereksamen mag aanmeld in enige vak waarin hy gedruip het nie, behalwe by die volgende gewone jaareindeksamen.
- (2) Indien hy voor-matrikulasie opleiding gehad het, moet hy:
 - (i) ter bevestiging van die Senaat bewys lewer van minstens vyf jaar onderwysondervinding; en
 - (ii) 'n toets in die vyf vakke: Filosofie van die Opvoeding, Empiriese Opvoedkunde, Historiese Opvoedkunde, Didaktiek en Vergelykende Opvoedkunde slaag, wat by die eerste poging gelyktydig afgeskryf moet word: Met dien verstande dat 'n student erkenning ontvang vir elke vak waarin hy slaag, maar hom nie vir hereksamen mag aanmeld in enige vak waarin hy gedruip het nie, behalwe by die volgende gewone jaareindeksamen.
- (3) Die in (1) (ii) en (2) (ii) vermelde toets is dieselfde as die eksamen in die betrokke vakke soos afgeneem vir die Universiteitsonderwysdiploma.

E.12 'n Kandidaat moet ter bevestiging van die Senaat bewys dat hy oor 'n deeglike lees kennis van Afrikaans beskik.

Duur en leergang.

- E.13 (1) Die leergang strek oor minstens een akademiese jaar en bestaan uit die volgende kursusse:
- Filosofie van die Opvoeding
 - Algemene Empiriese Opvoedkunde
 - Spesiale Empiriese Opvoedkunde
 - Historiese Opvoedkunde
 - Didaktiek
 - Vergelykende Opvoedkunde

(2) Die deelydse leergang strek oor minstens twee akademiese jare en behels dieselfde kursusse as vir voltydse studente, drie vraestelle word aan die einde van die eerste akademiese jaar geskryf en die oorblywende drie aan die einde van die tweede akademiese jaar.

E.14 (1) Die graad word nie aan 'n kandidaat toegeken nie, tensy hy die slaagpunt in die eksamen in elke kursus behaal.

(2) Die jaarpunt en eksamenpunt word in gelyke verhoudings gekombineer.

(3) Die graad word met onderskeiding toegeken as 'n student 'n slaagpunt van minstens 75% in minstens vier kursusse behaal.

DIE GRAAD MAGISTER EDUCATIONIS

Toelating.

E.15 Niemand word as kandidaat vir die graad toegelaat nie, tensy hy:

- (a) (i) tot die graad Baccalaureus Educationis van die Universiteit toegelaat is; of
- (ii) tot die status van die graad Baccalaureus Educationis aan die Universiteit toegelaat is; of
- (iii) 'n ander kwalifikasie besit wat na die oordeel van die Senaat gelykwaardig is met, of hoër is as die graad Baccalaureus Educationis van die Universiteit; en
- (b) (i) ter bevrediging van die Senaat bewys lewer van minstens een jaar onderwysondervinding; en
- (ii) die Senaat daarvan oortuig dat hy oor voldoende kennis van die vak van die verhandeling beskik om die studiekursus te kan onderneem.

Eksamen.

E.16 'n Kandidaat moet 'n verhandeling oor 'n goedgekeurde onderwerp uit die opvoedkunde vir eksamen indien.

DIE GRAAD DOCTOR EDUCATIONIS

Toelating en inskrywing.

E.17 Die graad word nie aan iemand toegeken nie, tensy hy of:

- (a) minstens vier jaar voorheen tot die graad Magister Educationis van die Universiteit toegelaat is; of
- (b) minstens drie jaar voorheen tot die graad Magister Educationis van die Universiteit toegelaat is, waarvan minstens een jaar aan goedgekeurde voltydse navorsingswerk bestee was; of
- (c) toegelaat is tot die status van die graad Magister Educationis van die Universiteit en ook voldoen aan die verdere vereistes in klousule (a) of (b) hierbo vermeld.

Proefskrif.

E.18 'n Kandidaat moet 'n proefskrif oor 'n goedgekeurde onderwerp uit die opvoedkunde vir eksamen indien.

DIE UNIVERSITEITSONDERWYSDIPLOMA

Toelating.

E.21 Om toegelaat te word tot die studiekursus vir die Universiteitsonderwysdiploma, moet 'n student bewys lewer dat hy 'n goedgekeurde Universiteitsgraad besit. 'n Goedgekeurde graad is een wat uit minstens ses graadkurse bestaan wat gekies is uit die lys* goedgekeurde skoolvakke in een van die volgende kombinasies:

- (a) Drie kurse in twee goedgekeurde vakke;
- (b) Drie kurse in een goedgekeurde vak, twee in 'n ander en een kursus in 'n derde vak;
- (c) Twee kurse in elk van drie goedgekeurde vakke;
- (d) Twee kurse in elk van twee goedgekeurde vakke en een kursus in elk van twee ander goedgekeurde vakke;
- (e) Drie kurse in een goedgekeurde vak en een kursus in elk van drie ander goedgekeurde vakke:

Met dien verstande dat die bostaande vereistes met betrekking tot vakke nie van toepassing sal wees nie op 'n student wat in besit is van 'n Baccalaureus in Landbou, Baccalaureus Scientiae in Landbou of 'n Baccalaureus Artium in Skone Kunste.

E.22 (1) 'n Student wat drie kurse in of Plantkunde of Dierkunde voltooi het, moet minstens een kursus in die ander vak voltooi ten einde Biologie as 'n hoofonderwysvak aan te bied. Dierkunde en Plantkunde word nie as aparte onderwysvakke erken nie.

(2) 'n Student wat drie kurse in of Fisika of Chemie voltooi het, moet minstens een kursus in die ander voltooi ten einde Natuur- en Skeikunde as hoofonderwysvakke aan te bied. Fisika en Chemie word nie as aparte onderwysvakke erken nie.

Leergang.

E.23 Die leergang strek oor een akademiese jaar.

E.24 Om die diploma te verwerf moet 'n student die kurse voltooi en aan die ander vereistes voldoen soos hieronder uiteengesit:

(a) Hoofvakke:

- (i) Filosofie van die Opvoeding
- (ii) Empiriese Opvoedkunde
- (iii) Historiese Opvoedkunde
- (iv) Didaktiek
- (v) Vergelykende Opvoedkunde
- (vi) en (vii) Metodiek van twee hoofonderwysvakke vir die sekondêre skool insluitende 'n praktiese onderwystoets vir elkeen daarvan, waarvoor 'n subminimum van 40% voorgeskryf word.

(b) Professionele Opleiding:

- (viii) Professionele studie insluitende Audiovisuele hulpmiddels, Mikro-onderswys, Skoolhigiëne, Skooladministrasie en een van die volgende praktiese onderwerpe:

*Sien lys na reël E30.

- (i) Liggaamsopvoeding
- (ii) Skoolmusiek en Koorsang
- (iii) Kuns

Let Wel: 'n Student kan vrygestel word van die praktiese vereistes vir Skoolhigiëne as hy 'n erkende sertifikaat van die Rooikruis of die St. John's Ambulans kan toon.

(ix), (x) en (xi) Mediumkursusse word aangebied in Xhosa, Suid-Sotho, Afrikaans en Engels.

'n Student slaag 'n taaltoets (in die laer graad) as hy 'n totaal van 50% behaal met 'n sub-minimum van 40% in elk van die twee dele. 'n Kandidaat wat 'n totaal van 60% met 'n subminimum van 50% behaal, slaag in die hoër graad.

Om die diploma te behaal, moet 'n student minstens twee van die taaltoetse slaag, waarvan een in die hoër graad moet wees.

(c) Skoolbesoek en praktiese onderwys:

- (i) Twee weke voor die aanvang van die akademiese jaar (verkieëlik die eerste twee weke van Februarie) word bestee aan skoolbesoek.
- (ii) Twee weke gedurende die eerste semester en twee weke gedurende die tweede semester word bestee aan praktiese onderwys.

E.25 (1) 'n Student wat op Matrikulasievlak nie 'n Bantoetaal geneem het waarin 'n mediumkursus aan hierdie Universiteit aangebied word nie, mag vrygestel word van die Moedertaal medium toets mits hy Engels en Afrikaans as media neem en in minstens een daarvan in die hoër graad slaag.

Eksamen.

E.26 'n Student mag hom nie aanmeld vir eksamen in enige vak vir die diploma alvorens hy al die kursusse kragtens paragraaf E.21 vereis, voltooi het nie: Met dien verstande dat 'n student wat slegs een graadkursus kort kom om aan die bedoelde vereistes te voldoen, hom vir eksamen mag aanmeld in daardie vak terselfdertyd as vir die diploma-vakke mits daar geen spesiale voorsiening of die rooster gemaak moet word om die eksamen te akkommodeer nie.

E.27 Behoudens die bepalings van paragraaf E.28 kan 'n student toegelaat word tot 'n aanvullingseksamen in 'n vak waarin hy gedruip het op voorwaarde dat hy die volgende behaal het:

- (a) 'n jaarpunt van minstens 50%;
- (b) minstens 40% van die punte in die eksamen; en
- (c) die slaagpunt in minstens vyf ander vakke tydens dieselfde eksamen: Met dien verstande dat hierdie vereistes ter syde gestel mag word in die geval van 'n enkele kursus wat die finale vereiste vir die diploma is, mits die kandidaat hom vir die gewone eksamen aangemeld het.

E.28 'n Student wat in een of albei die twee hoofonderwysvakke druij, mag hom nie voor die einde van die volgende akademiese jaar vir hereksamen aanmeld nie: Met dien verstande dat 'n kandidaat wat 'n slaagsyfer behaal het, maar nie die voorgeskrewe sub-minimum in een of albei van die hoofonderwysvakke behaal het nie, hom later in die eerste semester van die daaropvolgende akademiese jaar vir hereksamen in sodanige toets of toetse mag aanmeld en tot dan erkenning behou vir die teoretiese deel van die eksamen.

E.29 'n Aanvullingseksamen in die taalmediumtoetse word nie voor Mei van die daaropvolgende jaar gehou nie.

Onderskeiding.

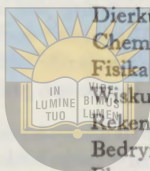
E.30 Aan 'n kandidaat wat die deur die Senaat neergelegde standaard behaal, word onderskeiding toegeken in enigeen van die in sub-paragraaf E.24(a) vermelde hoofvakke en die diploma word met onderskeiding toegeken aan 'n student wat in enige drie van die bedoelde vakke met onderskeiding slaag.

SKEDULE TOT PARAGRAAF E.21

Groep A.

Vakke waarvan tot drie kursusse gevolg mag word:

Afrikaans-Nederlands (of Afrikaans)	Plantkunde	} of Biologie
Engels	Dierkunde	
'n Bantoetaal	Chemie	
Latyn	Fisika	
Bybelkunde	Wiskunde	
Geskiedenis	Rekeningkunde	
Sielkunde	Bedryfsekonomie	
Biblioteekwetenskap	Ekonomie	
Aardrykskunde		



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HOËR SEKONDÊRE ONDERWYSDIPLOMA

Toelating.

E.31 Niemand word as student toegelaat nie tensy hy minstens 'n skoleind-sertifikaat of 'n sertifikaat wat die Senaat as gelykstaande daaraan beskou, verwerf het: Met dien verstande dat, met die uitsondering van die hieronder vermelde leerplan in die Skone Kunste, die Senaat kan weier om sodanige sertifikaat te aanvaar as die applikant se uitslae nie van bevredigende gehalte is nie.

Duur van leergang.

E.32 Die leergang strek oor drie akademiese jare.

Keuse van leergang.

E.33 Die diploma kan in enigeen van die volgende leergange verwerf word:

- (a) Lettere en Wysbegeerte
- (b) Natuurwetenskappe
- (c) Ekonomiese Wetenskappe
- (d) Skone Kunste
- (e) Liggaamlike Opvoeding.

Leergange.

E.34 Die verskillende leergange is soos in die skedule* uiteengesit.

E.35 (1) Behalwe met vergunning van die Senaat, word 'n student nie toegelaat om in te skryf vir enige van die kursusse van die tweede studiejaar nie, alvorens hy minstens twee kursusse van die eerste studiejaar voltooi het.

(2) Behalwe met vergunning van die Senaat, word 'n student nie toegelaat om in te skryf vir enige van die kursusse van die derde studiejaar nie, alvorens hy al die kursusse van die eerste studiejaar en minstens drie kursusse van die tweede studiejaar voltooi het.

(3) Behalwe met vergunning van die Senaat, mag 'n student in enige studiejaar nie inskryf vir meer kursusse as die aantal wat in die betrokke leergang van die skedule aangedui word nie: Met dien verstande dat hy in die tweede of derde studiejaar een kursus meer as die maksimum mag neem as dit 'n kursus is waarin hy voorheen gedruip het mits daar geen spesiale voorsiening op die rooster gemaak moet word om die kursus te akkommodeer nie.

*Skoolbesoek en praktiese onderwys.*

E.36 (1) Twee weke voor die aanvang van die tweede akademiese jaar (verkieslik die eerste twee weke van Februarie) word bestee aan skoolbesoek.

(2) Twee weke gedurende die eerste semester en twee weke gedurende die tweede semester van die derde studiejaar word bestee aan praktiese onderwys.

Eksamen.

E.37 (1) Ten einde 'n kursus te voltooi in 'n vak wat in 'n ander Fakulteit as Opvoedkunde aangebied word, moet 'n student aan die vereistes van die betrokke Fakulteit voldoen.

(2) Ten einde 'n kursus in 'n vak te voltooi wat in die Fakulteit Opvoedkunde aangebied word, moet 'n student voldoen aan die vereistes van die algemene reëls vir baccalaureusgrade, behalwe waar anders bepaal word.

(3) Die eksamen in albei die metodiekkursusse sluit 'n praktiese onderwystoets in wat uit twee toetslesse bestaan vir elke Metodiekvak. 'n Subminimum van 40% word vir elke vak voorgeskryf.

(4) Die eksamen in Professionele studie sal 'n evaluering insluit in Oudiovisuele Hulpmiddels, Mikro-onderwys, Skoolhigiëne, Skooladministrasie en een van die volgende praktiese vakke:

- (i) Liggaamlike Opleiding
- (ii) Musiek en Koorsang
- (iii) Skone Kunste

*Sien skedule na reël E40.

(5) Medium kursusse word aangebied in Xhosa, Suid-Sotho, Afr'kaans en Engels. Die eksamens in hierdie kursusse sal beide mondeling en geskrewe wees. 'n Student slaag (in die laer graad) as hy 'n totaal van 50% behaal met 'n subminimum van 40% in elk van die twee dele. 'n Kandidaat wat 'n totaal van 60% met 'n subminimum van 50% behaal, slaag in die hoër graad.

Die eksamen in minstens een mediumkursus moet in die hoër graad geslaag word.

E.38 (1) 'n Student wat in 'n eerstejaars- of tweedejaars kursus gedruip het, kan toegelaat word tot 'n aanvullingseksamen in daardie kursus, mits hy voldoen aan die vereistes van die Fakulteit wat die kursus aanbied.

(2) 'n Student wat in 'n derdejaarskursus gedruip het, kan toegelaat word tot 'n aanvullingseksamen in daardie kursus, mits hy die volgende behaal het:

- (a) 'n jaarpunt van minstens 50%;
- (b) 'n gemiddelde van minstens 45% vir die jaarpunt en eksamenpunt gesamentlik; en
- (c) die slaagpunt in minstens twee ander kursusse by dieselfde eksamen:

Met dien verstande dat hierdie vereistes tersyde gestel mag word in die geval van 'n enkele kursus wat die finale vereiste vir die diploma is mits die student hom vir die gewone eksamen aangemeld het.

(3) 'n Student wat nie die slaagsyfer in 'n metodiekkursus behaal het nie, mag hom nie voor die einde van die volgende akademiese jaar vir hierdie eksamen aanmeld nie: Met dien verstande dat 'n kandidaat wat 'n slaagsyfer behaal het maar nie die voorgeskrewe subminimum in een of albei die praktiese onderwystoetse behaal het nie, hom later in die eerste semester van die daaropvolgende akademiese jaar vir hereksamen in sodanige toets of toetse mag aanmeld en tot dan erkenning behou vir die teoretiese deel van die eksamen.

(4) 'n Aanvullingseksamen in die taalmediumtoetse word nie voor Mei van die daaropvolgende jaar gehou nie.

Vrystellings.

E.39 (1) 'n Student kan vrygestel word van die praktiese vereistes in Skool-igiëne mits hy 'n erkende sertifikaat van die Rooikruis of die St. John's Ambulans kan voorlê.

(2) 'n Student wat op Matrikulasievlak nie 'n Bantoetaal geneem het waarin 'n 'n mediumkursus aan hierdie Universiteit aangebied word nie, mag vrygestel word van die Moedertaal medium toets mits hy Engels en Afrikaans as media neem en in minstens een daarvan in die hoër graad slaag.

Onderskeiding.

E.40 'n Student wat in die tweede kursus van enige vak of in 'n metodiekvak die standaard behaal wat deur die Senaat neergelê word, slaag daardie vak met onderskeiding.

SKEDULE TOT PARAGRAAF E.34

1. Eerstejaar:

'n Minimum van VIER en 'n maksimum van VYF vakke:

1.1 *Lettere :*

Afrikaans I	Latyn I
Engels I	Bybelkunde I
'n Bantoetaal I	Biblioteekwetenskap I
Geskiedenis I	(L.W.: Ten minste EEN kursus in 'n taal
Aardrykskunde I	is verpligtend maar nie meer as DRIE taal-
Musiekstudie (Prel.)	kursusse mag gevolg word nie.)

1.2 *Natuurwetenskappe :*

Wiskunde IA of Wiskunde I
Fisika I
Chemie I
Plantkunde I of Dierkunde I

1.3 *Ekonomiese Wetenskappe :*

Ekonomie I
Bedryfsekonomie I
Rekeningkunde I
Bedryfsielkunde I/Kommersiële Reg I
'n Taal



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1.4 *Skone Kunste :*

1. Engels I/Afrikaans I/'n Bantoetaal I
2. Kunstgeskiedenis I
3. Skilderkuns I
4. Antropologie I
5. Ontwerp I.

1.5 *Liggaamlike Opvoeding*

1. Enige skoolvak van Lettere en Wysbegeerte, Natuurwetenskappe of Ekonomiese Wetenskappe
2. Elementêre beginsels van Anatomie, Fisiologie en Gesondheid
3. Geskiedenis en Filosofie van Liggaamlike Opleiding
4. Hulpmiddels.

2. Tweedejaar:

2.1 *Lettere :*

1. Opvoedkunde I
- 2 en 3. 'n Tweede kursus in twee van die vakke geneem in die eerste jaar of Musiekstudie I.

2.2 *Natuurwetenskappe :*

1. Opvoedkunde I
2. Plantkunde I of Dierkunde I
3. Wiskunde II of Wiskunde IB
4. Chemie II/Fisika II/Plantkunde II/Dierkunde II

2.3 *Ekonomiese Wetenskappe*

1. Opvoedkunde I
- 2 en 3. 'n Tweede kursus in twee van die volgende: Bedryfsekonomie, Ekonomie en Rekeningkunde.

2.4 *Skone Kunste :*

1. Opvoedkunde I
2. Kunsgeiedenis IIA
3. Ontwerp I/Beeldhouwerk I (Albei mag geneem word)
4. Professionele Opleiding.

2.5. *Liggaamlike Opvoeding*

1. Opvoedkunde I
2. Skoolvak: Tweede kursus
3. Organisasie en Administrasie van Sport en Liggaamlike Opvoeding.

3. **Derdejaar:**

3.1 *Lettere :*

1. Opvoedkunde I
- 2 en 3. Metodiek van Onderwysvakke (Gesiedenis en Aardrykskunde vorm saam Sosiale Studies)
4. Een van die volgende: Liggaamlike Opvoeding, Skoolmusiek en Koorsang, Kuns
5. Mediums
6. Professionele Opleiding.

3.2 *Natuurwetenskappe :*

1. Opvoedkunde II
- 2 en 3. Metodiek van Onderwysvakke: Biologie/Natuur- en Skeikunde of Wiskunde
4. Professionele Opleiding
5. Een van die volgende: Liggaamlike Opvoeding, Skoolmusiek en Koorsang, Kuns
6. Mediums.

3.3 *Ekonomiese Wetenskappe :*

1. Opvoedkunde II
- 2 en 3. Metodiek in Onderwysvakke Ekonomie/Rekeningkunde/Tikskrif. (Indien die Metodiek in Tikskrif gevolg word moet 'n vaardigheid van minstens 20 w.p.m. gehandhaaf word, deur die kandidaat).
4. Een van die volgende: Liggaamlike Opvoeding, Skoolmusiek en Koorsang, Kuns



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Tago Onderwysvakke

- 5. Mediums
- 6. Professionele Opleiding.

3.4 *Skone Kunste :*

- 1. Opvoedkunde II (Spesiale kursus Skone Kunste)
- 2 en 3. Spesiale Metodiek in die taal en in Kuns
- 4. Kungskiedenis IIB
- 5. Skilderkuns II/Ontwerp II/Beeldhouwerk II
- 6. Mediums.

3.5. *Liggaamlike Opvoeding*

- 1. Opvoedkunde II (Spesiale kursus: Liggaamlike Opleiding)
- 2 en 3. Metodiek van Skoolvak en van Liggaamlike Opleiding
- 4. Mediums
- 5. Professionele Opleiding.



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LEERPLANNE

DEPARTEMENT VAN FILOSOFIE EN GESKIEDENIS VAN DIE OPVOEDING

FILOSOFIE VAN DIE OPVOEDKUNDE

Baccalaureuseksamen (B.Ed.)

(Een vraestel)

1. Kennis van die inhoud van die U.O.D. leerplan is 'n voorvereiste met spesiale verwysing na die pedagogiek as wetenskap:
 - 1.1. Definisie van 'n wetenskap.
 - 1.2. Die wetenskaplikheid van die pedagogiek.
 - 1.3. Deeldisiplines.
 - 1.4. Navorsingsmetodes.
 - 1.5. Verhouding tot ander wetenskappe.
2. Pedagogiese kategorieë en pedagogiese kriteria.
3. Wysgerige antropologie en opvoeding:
 - 3.1. Die oorsprong, wese en bestemming van die mens.
 - 3.2. Kind-wees as modus van menswees.
 - 3.3. Opvoedkundige implikasies met spesiale verwysing na:
 - 3.3.1. Die wese en doelstellings van opvoeding
 - 3.3.2. Die opvoedeling.
 - 3.3.3. Die opvoeder.
 - 3.4. Volwassenheid as opvoedingsdoel.
4. Opvoedkundige etiek:
 - 4.1. Die verskil tussen etiek en sedes.
 - 4.2. Die oorsprong en gesag van sedelike waardes.
 - 4.3. Sedelike opvoeding en die gewete.
 - 4.4. Karakter as opvoedingsdoel.
5. Kultuur en opvoeding:
 - 5.1. Kultuurteorieë.
 - 5.2. Kultuur in primitiewe en moderne gemeenskappe.
 - 5.3. Opvoeding en kulturele verandering.
 - 5.4. Opvoeding en diskontinuiteit.
 - 5.5. Die leerplan en die opvoeder in kulturele perspektief.
6. Opvoeding, waarheid en die probleem van die verskeidenheid van beskouinge:
 - 6.1. Die wese van waarheid.
 - 6.2. Die verskeidenheid in opvoedingsteorieë.
 - 6.3. Regverdiging van 'n besondere beskouing.
 - 6.4. Opvoedkunde en die verskeidenheid.
7. Sisteme in die filosofie van die opvoeding met tipiese verteenwoordigers van elk:
 - 7.1. Theïsme: Rooms katolisisme, Protestantisme, Nie-Christelik.
 - 7.2. Idealisme.
 - 7.3. Sentisisme: Realisme, naturalisme, pragmatisme, kommunisme.
 - 7.4. Eksistensialisme en Fenomenologie.
8. 'n Kritiese waardering van die opvoedkundige idees van 'n twintig-eeuse opvoedkundige.

Universiteitsonderwysdiploma

(Een vraestel)

1. Inleiding: Die veld en metode van ondersoek in opvoedkunde:
 - 1.1. Verskil tussen natuur- en menswetenskappe.
 - 1.2. Die wetenskaplikheid van die opvoedkunde.
 - 1.3. Deel- dissiplines van die opvoedkunde en hul verhouding tot mekaar.
 - 1.4. Metodologiese benadering in opvoedkundige navorsing.
 - 1.5. Verhouding tot grenswetenskappe wysbegeerte, sielkunde, sosiologie, etiek en teologie.
- 1.6. Die selfstandigheid van die opvoedkunde as mens-wetensk.
 2. Die opvoedingsverskynsel:
 - 2.1. Dressuur, onderwys, opvoeding en opvoedkunde.
 - 2.2. Voorwaardes vir opvoeding.
 - 2.3. Eienskappe van opvoeding.
 3. Aksiologiese aspekte: Doelstelling in die opvoeding.
 - 3.1. Kriteria vir opvoedingsdoeleindes.
 - 3.2. Klassifikasie van doelstellings.
 - 3.3. Middellike doeleindes:
 - 3.3.1. Fisies.
 - 3.3.2. Gevoel.
 - 3.3.3. Intellektueel.
 - 3.3.4. Sosiaal (insluitende taal)
 - 3.3.5. Histories (met besondere verwysing na kultuur)
 - 3.3.6. Ekonomies
 - 3.3.7. Esteties.
 - 3.3.8. Eties.
 - 3.3.9. Religieus.
- 3.4. Uiteindelike doel: Volwassenheid as normatiewe aspek.
- 3.5. Die verband tussen lewensbeskouing en opvoedingsdoel.
 4. Die opvoedeling:
 - 4.1. 'n Pedagogiese kindbeeld.
 - 4.2. Opvoeding as hulpverlening en as leiding.
 5. Die opvoeder en opvoedingsinstelling:
 - 5.1. Die ouer (Huis)
 - 5.2. Die onderwyser (Skool).
 - 5.3. Die predikant (Kerk).
 - 5.4. Die koshuisouers (Die Koshuis).
 - 5.5. Sport en verenigings.
 6. Die noodsaaklikheid, moontlikheid en grense van opvoeding:
 - 6.1. Die noodsaaklikheid van fisiese opvoeding.
 - 6.2. Die noodsaaklikheid van sosiale opvoeding.
 - 6.3. Die noodsaaklikheid van religieuse opvoeding.
 - 6.4. Die opvoedbaarheid van die mens.
 - 6.5. Grense in tyd, aanleg, omgewing en menslike natuur.
 7. Opvoedingsmiddele:
 - 7.1. Middele en hul toepassing.
 - 7.2. Gesaghandelinge.
 - 7.3. Straf.
 - 7.4. Kultuurnorme.



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- 7.5. Die verband tussen middele en doelstellinge in opvoeding.
8. Vryheid en gesag in opvoeding:
- 8.1. 'n Inleiding in die probleem van menslike vryheid, met besondere verwysing na die kind.
- 8.2. Die wese en oorsprong van gesag en die verband met dissipline.
- 8.3. Opvoedkundige straf.
9. 'n Algemene oorsig oor die rigtings in die opvoedkunde:
- 9.1. Scientisme (Realisme, naturalisme, pragmatisme)
- 9.2. Idealisme.
- 9.3. Theïsme (Rooms-Katoliek, Protestant en nie-christelik).
- 9.4. Eksistensie-filosofie en fenomenologie.

Opvoedkunde I: Filosofie van die Opvoeding

(Vraestel 1. Afdeling A)

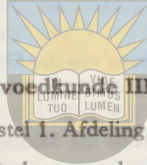
1. 'n Kort inleiding tot pedagogiek as 'n wetenskap.
2. Die opvoedingsverskynsel:
 - 2.1. Dressuur, onderwys, opvoeding en opvoedkunde.
 - 2.2. Voorwaardes vir opvoeding
- 2.3. Eienskappe van opvoeding
3. Opvoedingsdoelstellinge:
 - 3.1. Kriteria vir opvoedingsdoeleindes.
 - 3.2. Klassifikasie van doelstellings
 - 3.3. Middellike doeleindes:
 - 3.3.1. Fisies.
 - 3.3.2. Gevoel.
 - 3.3.3. Intellektueel.
 - 3.3.4. Sosiaal (insluitende taal)
 - 3.3.5. Histories (met besondere verwysing na kultuur)
 - 3.3.6. Ekonomies.
 - 3.3.7. Esteties.
 - 3.3.8. Eties.
 - 3.3.9. Religieus.
 - 3.4. Uiteindelike doel: Volwassenheid as normatiewe aspek.
 - 3.5. Die verband tussen lewensbeskouing en opvoedingsdoel
4. Die opvoedeling:
 - 4.1. 'n Pedagogiese kindbeeld.
 - 4.2. Opvoeding as hulpverlening en as leiding.

Opvoedkunde II: Filosofie van die Opvoeding

(Vraestel 1. Afdeling A)

1. Die noodsaaklikheid, moontlikheid en grense van opvoeding:
 - 1.1. Die noodsaaklikheid van fisiese opvoeding.
 - 1.2. Die noodsaaklikheid van sosiale opvoeding.
 - 1.3. Die noodsaaklikheid van religieuse opvoeding.
 - 1.4. Die opvoedbaarheid van die mens.
 - 1.5. Grense in tyd, aanleg, omgewing en menslike natuur.

2. Opvoeders, opvoedingsinstellings en hul verantwoordelikhede:
 - 2.1. Die ouer (Huis)
 - 2.2. Die onderwyser (Skool)
 - 2.3. Die predikant (Kerk).
 - 2.4. Koshuispersoneel (Koshuis)
 - 2.5. Sport en verenigings.
3. Opvoedingsmiddele:
 - 3.1. Middele en hul toepasing.
 - 3.2. Gesaghandelinge.
 - 3.3. Straf.
 - 3.4. Kultuurnorme.
- 3.5. Die verband tussen middele en doelstellinge in opvoeding.
4. Die verband tussen lewensbeskouing en opvoeding:
 - 4.1. Die fundering van 'n lewensbeskouing.
 - 4.2. Kosmologie, antropologie, aksiologie en etiek.
 - 4.3. Die teorie van opvoeding.
 - 4.4. Opvoedingspraktyk.



Opvoedkunde III
(Vraestel 1. Afdeling A)

1. Inleiding: Die veld en metode van ondersoek in opvoedkunde:
 - 1.1. Die verskil tussen natuur- en menswetenskappe.
 - 1.2. Die wetenskaplikheid van die opvoedkunde.
 - 1.3. Deel- dissiplines van die opvoedkunde en hul verhouding tot mekaar.
 - 1.4. Metodologiese benadering in opvoedkundige navorsing.
 - 1.5. Verhouding tot grenswetenskappe: wysbegeerte, sielkunde, sosiologie, etiek en teologie.
 - 1.6. Die selfstandigheid van die opvoedkunde as mens-wetenskap.
2. Gesag en vryheid in opvoeding:
 - 2.1. 'n Inleiding in die probleem van menslike vryheid met besondere verwysing na die kind.
 - 2.2. Die wese en oorsprong van gesag en die verband met dissipline.
 - 2.3. Opvoeding en vryheid.
 3. Dissipline en straf:
 - 3.1. Kriteria vir opvoedkundige straf.
 - 3.2. Voorwaardes vir toepassing.
 - 3.3. Verskillende vorme van straf.
 4. 'n Algemene oorsig oor die rigtings in die opvoedkunde:
 - 4.1. Scientisme (Realisme, naturalisme, pragmatisme)
 - 4.2. Idealisme.
 - 4.3. Theïsme (Rooms-Katoliek, Protestant en nie-christelik).
 - 4.4. Eksistensie-filosofie en fenomenologie.

HISTORIESE OPVOEDKUNDE**Baccalaureuseksamen (B.Ed.)**

(Een Vraestel)

1. Die teoretiese en metodologiese grondslae van die Geskiedenis van die Opvoeding as 'n deel-dissipline van die pedagogiek.
2. 'n Kort oorsig van die Geskiedenis van die Opvoeding in Europa gedurende die agtiende en negentiende eeue, met spesiale verwysing na die invloed daarvan op Suid-Afrika.
3. Onderliggende rigtings in die ontwikkeling van onderwys in die Kaapprovinsi (met spesiale verwysing na die Ciskei en die Transkei).

Universiteitsonderwysdiploma (U.O.D.)

(Een Vraestel)

Deel I: Europese geskiedenis.

1. 'n Inleiding tot die Geskiedenis van die Opvoeding as Wetenskap.
2. Die belangrikste kenmerk van die antieke onderwys met spesiale verwysing na òf die Griekse òf Romeinse onderwys.
3. Christelike onderwys gedurende die Middeleeue.
4. Renaissance en Hervorming.
5. Die vernaamste rigtings in Europese onderwys gedurende die agtiende en negentiende eeue met spesiale verwysing na die invloed wat dit op onderwys in Suid-Afrika uitgeoefen het.

Deel II: Suid-Afrikaanse Geskiedenis

6. Bantoe tradisionele opvoeding.
7. Onderwys soos beïnvloed deur die Nederlanders, met spesiale verwysing na die periode 1803-1806.
8. Sendingonderwys.
9. Onderwys, die Staat en die beleid van verengelsing (1806-1910)
10. Kort oorsig van onderwys in die Kaapprovinsie, 1910-1960 ('n Vergelykende studie met spesiale verwysing na die onderliggende rigtings.)

Opvoedkunde I: Historiese Opvoedkunde**Deel I: Europees**

1. 'n Inleiding tot die Geskiedenis van die Opvoeding as Wetenskap.
2. Die belangrikste kenmerke van antieke onderwys met spesiale verwysing na òf Griekse òf Romeinse onderwys.
3. Christelike onderwys tydens die middeleeue.

Deel II: Suid-Afrikaans

4. Bantoe tradisionele opvoeding.
5. Onderwys soos beïnvloed deur die Nederlanders, met spesiale verwysing na die periode 1803-1806.
6. Sendingonderwys.

Opvoedkunde II: Historiese Opvoedkunde**Deel I: Europees.**

1. Renaissance en Hervorming.
2. Agtiende eeuse Europese onderwys en vernaamste rigtings soos dit Suid-Afrika beïnvloed het.

Deel II: Suid-Afrikaans.

3. Onderwys, die Staat en die beleid van verengelsing (1806-1910)

Opvoedkunde III: Historiese Opvoedkunde**Deel I:**

1. 'n Deeglike studie van die Historiese Pedagogiek as deel-dissipline van die pedagogiek: sy studieveld en navorsingmetodes.

Deel II: Europees.

2. Die vernaamste rigtings in Europese onderwys in die negentiende eeu soos die Suid-Afrikaanse onderwys beïnvloed het.

Deel III: Suid-Afrikaans.

3. Onderwys in die Kaapprovinsie, 1910-1960. ('n Vergelykende studie met klem op die onderliggende rigtings.)

**DEPARTEMENT EMPIRIESE OPVOEDKUNDE EN ORTOPEDAGOGIEK****Baccalaureusksamen (B.Ed.)****Algemene Empiriese Opvoedkunde**

(Een vraestel)

1. 'n Algemene vraestel van gevorderde aard omvattende:
 - 1.1. Die terrein en metodes van ondersoek van die Empiriese Opvoedkunde.
 - 1.2. Kritiese bespreking van die doel, grondbeginsels, metodes en bevindinge van verskillende psigologiese rigtinge en hul waarde vir die Empiriese Opvoedkunde
 - 1.3. Indiwiduele en rasseverskille.
 - 1.4. Oorerwing en omgewing
 - 1.5. Studies oor die emosies en die toepassing van bevindinge in die praktyk.
 - 1.6. Die leerwette en die verskillende leersoorte.
 - 1.7. Die sentimente, temperament en karakter.
 - 1.8. Psigologie van die kind en van die adolessent.
 - 1.9. Sielkundige vraagstukke en verskynsels en hul toepassing in die opvoeding en onderwys.

Spesiale Empiriese Opvoedkunde

(Een vraestel)

1. Verskynsels wat eksperimenteel ondersoek is: Leer, vermoeidheid, intelligensie kennis en ontwikkeling van geestesvermoens.
2. Besondere vraagstukke soos: swaksinnigheid, agterlikheid, begaafdheid, genialiteit, delinkwensie en skolastiese vertraging.

3. Meting van persoonlikheidsontwikkeling: die verskillende aspekte daarvan, bv. houdinge, belanstelling, aanleg, e.s.m.
- 4.1. Onderskeid tussen neuroses en psigosies.
- 4.2. 'n Studie van slegs daardie neuroses wat dikwels by kinders aangetref word.
5. Statistiese ontleding en die beginsels van eksperimentele werk in verband met die navorsing van skoolprobleme.
6. Beginsels van beroepsvoorligting.

Van die kandidaat word verwag dat hy bewys sal lewer van praktiese kennis van die metodes van die eksperimentele sielkunde en hul toepassing op opvoedkundige probleme soos:

- Verstandsmeting,
- Meting van leerresultate,
- Vermoeidheid, ans.

Universiteitsonderwysdiploma (U.O.D.)

(Een vraestel)

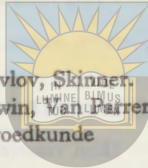
1. Die terrein en metodes van die empiriese opvoedkunde.
2. Moderne denkrigtings en die invloed daarvan op die Opvoedkunde.
3. Die kenfunksies soos aandag, geheue, denke.
4. Emosie, Sentiment, temperament, karakter.
5. Drange en motivering van gedrag.
6. Inleiding tot die kinderpsigologie insluitende die adolescent.
7. Aanpassing, gedragsafwykings, die jong delinkwent.
8. Die verstand, verstandsmeting, individuele verskille, die agterlike en die begaafde.
9. Die leerproseses. *Together in Excellence*
10. Opvoedkundige evaluering.
11. Vergeet, vermoeidheid, oordrag.
12. Abnormale verskynsels (slegs die wat algemeen op skool aangetref word.)
13. Voorligting.
 - 13.1 Onderrigtleiding.
 - 13.2 Persoonlikheidsleiding.
 - 13.3 Beroepsleiding.

Opvoedkunde I

1. Die aard en die terrein van die Empiriese Opvoedkunde en die verband van hierdie deeldissipline met die psigologie.
2. Empiriese Opvoedkunde as 'n deeldissipline van die Pedagogiek.
3. Die leerder.
 - 3.1. Die groeiproses van die mens.
 - 3.2. Ontwikkeling van fisiese en sensoriese vermoëns.
 - 3.3. Ontwikkeling van taal.
 - 3.4. Ontwikkeling van emosies en sosiale verhoudinge.
 - 3.5. Ontwikkeling van persepsie en denke.
4. Die Leerproseses.
 - 4.1. Skoolgereedheid.
 - 4.2. Die aard van die leerproses en die verskillende leersoorte.
 - 4.3. Faktore wat leer bevorder of strem soos aandag, onthou, vergeet, vermoeidheid en motivering.

Opvoedkunde II

1. Die leerder.
 - 1.1. Aanleg en belangstelling.
 2. Individuele vermoëns.
 - 2.1. Die rol van oorerwing en omgewing.
 - 2.2. Intelligensie.
 - 2.3. Teorieë in verband met die intelligensie.
 - 2.4. Faktore wat intelligensie bepaal.
 - 2.5. Meting van intelligensie.
 3. Persoonlikheid.
 - 3.1. Die begrip persoonlikheid.
 - 3.2. Teorieë in verband met die persoonlikheid.
 - 3.2.1. Psigoanalitiese benadering.
 - 3.2.2. Kind-gesentreerde benadering.
 - 3.3. Meting van persoonlikheid.
 - 3.4. Individuele verskille.
 4. Die Leerproses.
 - 4.1. Leerteorieë
 - 4.1.1. S-R-teorie: Thorndike, Pavlov, Skinner.
 - 4.1.2. Kognitiewe veldteorie: Lewin, van Liereren.
5. Rigtings in die Empiriese Opvoedkunde
 - 5.1. Fenomenologie.
 - 5.2. Gestalt psigologie.
 - 5.3. Denk psigologie.
 - 5.4. Neo-Freudiaanse benaderings.
6. Voorligting.
 - 6.1. Onderrigtleiding.
 - 6.2. Persoonlikheidsleiding.
 - 6.3. Beroepsleiding.



University of Fort Hare
Together in Excellence

Opvoedkunde III

1. Studies in verband met intelligensie.
 - 1.1. Oplossing van probleme en vorming van begrippe: Piaget, Brunner, ens.
 - 1.2. Kreatiwiteit en intelligensie.
 - 1.3. Kultuur en intelligensie.
2. Studies in verband met die Leerproses.
 - 2.1. Aard en oorsake van leerprobleme.
 - 2.2. Oordrag in die leerproses.
 - 2.3. Leiding en voorligting.
3. Die kind/Adolesent in die gemeenskap.
 - 3.1. Aanpassingsprobleme as gevolg van gesinsfaktore en ook ander faktore.
 - 3.2. Onveiligheid.
 - 3.3. Skoolfobia en onderprestasies.
4. Uitsonderlike kinders.
 - 4.1. Swaksinnige kinders.
 - 4.2. Begaafde kinders.
 - 4.3. Wan-aanpassing en jeugmisdaad.
 - 4.4. Skolastiese vertraging.
5. Pedodiagnostiek en Pedoterapie.

**DEPARTEMENT ALGEMENE DIDAKTIEK EN VERGELYKENDE
OPVOEDKUNDE**

Baccalaureuseksamen (B.Ed.)

Algemene Didaktiek

(Een vraestel)

Algemene didaktiek as wetenskaplike studieveld

Die volgende temas, gekies uit die pedagogies-didaktiese problematiek: die onderwyser; die skoolkind; die kurrikulum; didaktiese beginsels; evaluering; navorsing; ortodidaktiek

Taal as onderwys- en leermedium

Die didaktiese implikasies van die denksigologie en van sekere leerteorieë

Moderne onderwystegnologie en die didaktiese implikasies daarvan

Didaktiese aspekte van die ontmoeting tussen die inheemse en die Europese onderwysstelsels in Suid-Afrika.



Vergelykende Opvoedkunde

(Een vraestel)

Vakfilosofie: fundering en plek

Vergelykende Opvoedkunde as 'n wetenskap: doel, waarde, metodes, omvang

Die wese en gestaltende faktore van die onderwysstelsel

Die skool en sy samelewingsverbande

Die onderwysstelsel en sy historiese wording

Die invloed van die volgende op die onderwysstelsel: godsdiens, kultuur, gemeenskap, bevolkingsgroei en -verspreiding, ekonomie.

Onderwysstelselbeplanning

Vergelyking van enkele aspekte van sekere Europese stelsels met die van die Trans- en Ciskei.

Universiteitsonderwys Diploma (U.O.D.)

Algemene Didaktiek

(Een vraestel)

Die belangrikheid van die didaktiekstudie vir die onderwyser

Die komponente van die didaktiese situasie

Algemene didaktiese beginsels

Onderrigmetodes

Lesse en lesbeplanning

Onderrigs- en leermedia

Evaluering

Basiese oriëntasie in ortodidaktiek

Nuwe benaderings in verband met die algemene didaktiek

Vergelykende Opvoedkunde

(Een Vraestel)

Die onderwysstelsel: wese en vergestaltende faktore: die Suid-Afrikaanse stelsel: rasse-klassifikasie

Die Suid-Afrikaanse onderwysstelsel: 'n algemene vergelyking met minstens twee ander stelsels

'n Vergelyking van enkele aspekte van die Suid-Afrikaanse stelsel met die van minstens twee buurstate; 'n verklaring van verskille

Die onderwysstelsel van die Trans- en Ciskei.

Opvoedkunde I: Algemene Didaktiek

Die pedagogiese basis van die didaktiek

Komponente van die didaktiese situasie

Die skool as formele onderwysinstelling: pre-primêre, primêre en sekondêre skole

Onderrigsmetodes

Onderrigspanne: span-onderwys, mikro-onderwys, O.T.V., ens.

Opvoedkunde II: Deel Een: Algemene Didaktiek

Algemene didaktiese beginsels

Lesse en lesbeplanning

Meting en evaluering in onderwys



University of Fort Hare
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Deel Twee: Vergelykende Opvoedkunde

Die onderwysstelsel: wese en vergestaltende faktore; die Suid-Afrikaanse stelsel: Blankes, Swartes, Kleurlinge en Indiërs.

Opvoedkunde III: Deel Een: Algemene Didaktiek

Die didaktiese implikasies van denksigologie en van sekere leerteorieë

Oriëntasie in ortodidaktiek

Didaktiese navorsing

Resente navorsing en benaderingswyses in die didaktiek.

Deel Twee: Vergelykende Opvoedkunde

Die Suid-Afrikaanse onderwysstelsel: 'n algemene vergelyking met minstens twee ander stelsels

'n Vergelyking van enkele aspekte van die Suid-Afrikaanse Stelsel met die van minstens twee buurstate; 'n verklaring van verskille

Die onderwysstelsel van die Trans- en Ciskei

DEPARTEMENT ONDERWYSKUNDE

U.O.D., H.S.O.D., B.PED.

Metodiek van Skoolvakke:

Doelstellings vir die onderwys van die vak.

Hedendaagse tendense in die onderwys van die vak met verwysing na ontwikkelings in ander lande.

'n Kritiese beoordeling van bestaande sillabusse.

Onderrigmetodes met inagneming van die aard van die vak en die vereiste, van die sillabus.

Beplanning van enkele lesse en reaksie van lesse.

Spesifieke metodes vir die onderrig van sekere afdelings van die vak.

Die ontwerp en gebruik van hulpmiddels.

Evaluering.

Die gebruik van laboratoria/ateljee/werkswinkel (waar toepaslik).

Insigte gedurende die kursus verwerf word prakties getoets tydens mikro-onderrig en praktiese onderwys.

B.PED. Metodiek van die Hoofvak

1. Die doelstellings, aard en filosofiese agtergrond van die vak.
2. Hedendaagse navorsing en tendense in die onderrig van die vak met verwysing na ontwikkeling in ander lande.
3. 'n Kritiese bestudering en evaluering van die sillabusse met verwysing na huidige navorsing en curriculum-ontwikkeling. Diepgaande studie van die inhoud van die bestaande sillabusse.
4. Metodes van onderrig met inagneming van die aard van die werk, die vereistes van die sillabusse en gedifferensieerde onderwys.
 - 4.1 Beplanning van lesse en reaksie van lesse.
 - 4.2 Spesifieke metodes vir die onderrig van sekere afdelings van sekere afdelings van die vak.
 - 4.3 Die ontwerp en gebruik van hulpmiddels.
 - 4.4 Evaluering.
5. Die gebruik van laboratoria/ateljee/werkswinkel (waar toepaslik.)

Van kandidate word verwag om 'n werkstuk oor die ontwerp en ontwikkeling van die curriculum van die hoofskoolvak in te dien.

Insigte gedurende die kursus verwerf word prakties getoets tydens mikro-onderrig en praktiese onderwys.

Professionele Opleiding**1. Oudio-visuele hulpmiddels**

Inleiding tot die gebruik van oudio-visuele hulpmiddels. Die funksies en gebruike van oudio-visuele hulpmiddels veral met betrekking tot die hoërskool.

2. Higiëne**Funksies van die menslike liggaam**

Spier-skeletstelsel; sirkulasiestelsel; asemhalingstelsel; spysverteringstelsel; uit-skeidingstelsel; endokrinestelsel; senuweestelsel—met betrekking tot die gesonde liggaam.

Dieëtkunde

Voedselbestanddele, proteïne, koolhidrate, vette, kalsium, yster, vitamïnes, aard van die bestanddele, voedselbronne, uitwerking van tekorte in dieët.

Higiëne

Persoonlike higiëne, higiëne van die gemeenskap, aansteeklike siektes, kindersiektes, afsondering, watervoorsiening, organisasie van skoolgesondheidsdienste.

Noodhulp

Wonde en wondbehandeling, beenbreuke en ontwrigting, brandwonde, kunsmatige asemhaling, departementele regulasies aangaande aansteeklike siektes.

3. Organisasie en administrasie van die onderwys

Breë beginsels van onderwysadministrasie; die aard en veld van onderwysadministrasie; die skool as 'n opvoedkundige inrigting; primêre, sekondêre en tersiêre onderwys; die ontwerp van curricula.

Die struktuur van en beheer oor onderwys in Suid-Afrika, met spesiale verwysing na Bantoe-Onderwys: Sentrale en provinsiale onderwysbeheer voor 1954.

Die struktuur van en beheer oor Bantoe-onderwys.

Plaaslike bestuur van onderwys in die Tuislande.

Onderwysadministrasie: Administratiewe prosedures met besondere verwysing na:

Die status en diensvoorwaardes van onderwysers.

Die pligte van skoolhoofde en assistente.

Toelating en uitsetting van leerlinge.

Toelating, bevordering en terughouding van leerlinge.

Sertifisering.

Skoolverslae en administratiewe roetine.

4. Mikro-onderwys**Hoër Sekondêre Onderwysdiploma (Skone Kunste)****Opvoedkunde II (Spesiaal) (Twee Vraestelle)**

1. Geskiedenis van kunsonderrig.
2. Kunsmedia in kunsonderrig.
3. Inleiding tot estetika.

Kunsgeskiedenis I (Een vraestel)

- Prehistoriese Kuns.
- Egiptiese Kuns.
- Grieks en Romeïns.
- Afrika.

Kunsgeskiedenis IIA (Een vraestel)

- Middeleeus.
- Renaissance.
- Kuns van die Sewentiende en agtiende eeue.

Kunsgeskiedenis IIB (Een vraestel)

- Kuns van die negentiende en twintigste eeue.
- Kontemporêre kuns in Suid-Afrika.
- Primitiewe Kuns (buite Afrika).

LIGGAAMLIKE OPVOEDING

(Driejarige kursus vir H.S.O.D.-studente)

Eerste Jaar

Elementêre Beginsels van Anatomie, Fisiologie en Gesondheid.

1. *Elementere beginsels van Anatomie, Fisiologie en Gesondheid.*
 - (a) Inleiding—rol van Anatomie en Fisiologie in liggaamlike opvoeding.
 - (b) Selle, weefsels, organe en stelsels.
 - (c) Struktuur van weefsel.
 - (d) Bene van die geraamte.
 - (e) Gewigte en gewrigsvorming—soorte, ligging, beweging in gewrigte.
 - (f) Spiere—Fisiologie van sametrekking, ligging, funksies en hefboome.
 - (g) Liggaamshouding.
 - (h) Senustelsel.
 - (i) Asemhalingstelsel.
 - (j) Spysvertering.
 - (k) Endokriene kliere.
 - (l) Hart en bloedsomloop.
 - (m) Die rol van mededingende sport in liggaamlike opvoeding.

2. *Gesondheid.*

- (a) Inleiding—omskrywing van gesondheid, wenslikheid van gesondheid, opvoeding in gesondheid, aanleer van gewoontes.
- (b) Persoonlike gesondheid.
- (c) Geestelike gesondheid.
- (d) Oefening en rus.
- (e) Sterk drank, rook en dwelmstowwe.
- (f) Voeding.
- (g) Water.
- (h) Lig, verwarming, ventilasie en lug.
- (i) Siektes
- (j) Hoe gesondheidsonderrig en liggaamlike opvoeding saamwerk.

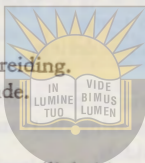
Geskiedenis en Filosofie van Liggaamlike Opvoeding

1. Betekenis en waarde van Filosofie van Liggaamlike Opvoeding.
2. Faktore wat Filosofie van Liggaamlike Opvoeding beïnvloed.
3. Geskiedenis van Liggaamlike Opvoeding.
 - (a) Liggaamlike Opvoeding in 'n primitiewe gemeenskap.
 - (b) Antieke Wêreld, Midde Ooste en Oosterse lande.
 - (c) Die Hebreërs.
 - (d) Die Grieke.
 - (e) Homeriese mense.
 - (f) Spartane.
 - (g) Atheniërs.
 - (h) Romeine.

- (i) Middel Eeue.
 - (j) Die Renaissance en Reformasie.
 - (k) Die Vroeë moderne en Moderne tydperk.
4. Werkstuk- navorsing in persoonlike filosofie van Liggaamlike Opvoeding en sluit die volgende in:
- (i) Oorspronklike doel van Liggaamlike Opvoeding vir die leerling.
 - (ii) Metodes, aktiwiteite en mikpunte.
 - (iii) Eindelike uitslag en resultate.

Sportbeserings en hul Behandeling: Versorging en voorkoming

- (a) Voete, enkels en blare.
- (b) Oop wonde.
- (c) Gespanne spiere, kneusplekke en verswikings.
- (d) Die knie.
- (e) Skouer, rug en arm.
- (f) Rehabilitasie en voorbereiding.
- (g) Besluite in noodtoestande.
- (h) Voeding.
- (i) Velprobleme.
- (j) Algemene gesondheid en veiligheid.



Biologie van liggaamlike aktiwiteite.
 Oriëntering ten opsigte van oefening.
 Spiere en energie.
 Neurologiese aspek van beweging.
 Stelsels van energie onderhoud.
 Toegepaste biologie van liggaamlike aktiwiteite.
 Praktiese werk word ingesluit.

Tweede Jaar

Organisasie en Administrasie van Sport en Liggaamlike Opvoeding

- (a) Die aard van administrasie.
 - (b) Mikpunte in 'n liggaamlike opvoedingsprogram.
 - (c) Die ontwikkeling in administrasie.
 - (d) Belangrikheid van personeel en faktore wat onderwyser se selfvertroue beïnvloed.
 - (e) Beskikbare geriewe in liggaamlike opvoeding.
 - (f) Inter-skool sport programme.
 - (g) Binnemuurse sport.
 - (h) Studente leiers in liggaamlike opvoeding.
 - (i) Begroting en finansies.
 - (j) Aankoop en versorging van uitrusting.
 - (k) Skakeldiens in liggaamlike opvoeding.
 - (l) Kantoor administrasie.
 - (m) Evaluasie in administrasie.
- Praktiese werk word ingesluit.

Derde Jaar

Meting en beoordeling in liggaamlike opvoeding:

- (a) Die plek van meting en beoordeling.
- (b) Statistiese tegnieke in beoordeling.
- (c) Betroubaarheid, geldigheid en objektiwiteit.
- (d) Algemene bewegingsbekwaamheid en prestasie.
- (e) Beoordeling van liggaamlike fiksheid.
- (f) Beoordeling van vaardigheid.
- (g) Gebruik van kennistoetse.
- (h) Beoordeling van studenteprestasie.

Onderwys van liggaamlike opvoeding:

- (a) Die plek van liggaamlike opvoeding in die opvoeding.
 - (b) Onderwyspraktyke en teorieë.
 - (c) Oorsig van die stelselbenadering.
 - (d) Die gedragsgebied.
 - (e) Ontleding van onderrig- en prestasieoogmerke.
 - (f) Leertoestande en toepassing daarvan.
 - (g) Gebruik van hulpmiddels.
 - (h) Gebruik van onderrigmateriaal en metodes.
 - (i) Die hersieningsproses.
- Praktiese werk word ingesluit.

Praktiese Werk

Die volgende aktiwiteite word oor die drie jaar in teorie en praktyk toegepas:

1. Groepfiksheid.
2. Sport vir individue en pare.
 - (a) Gimnastiek.
 - (b) Ritmiese gimnastiek (dames).
 - (c) Atletiek.
 - (d) Tennis.
 - (e) Pluimbal.
 - (f) Boks (mans).
 - (g) Swem.
 - (h) Gewigoptel (mans).
3. Spansport
 - (a) Rugby (mans).
 - (b) Sokker (mans).
 - (c) Krieket (mans).
 - (d) Basketbal.
 - (e) Vlugbal.
 - (f) Hokkie.
 - (g) Netbal (dames).
4. Spele en Aktiwiteite vir groot groepe.
5. Ontspanning en Vryetyd.

DEPARTEMENT VAN MUSIEK

Baccalaureus Pedagogiae (B.Ped.)

Musiek en Musiekopleiding

Kursus I

(a) Die Taal van Musiek I

(Twee vraestelle).

Inleiding tot die 3 elemente van die taal van Musiek:

Ritme, Melodie en Harmonie.

Ritme.

'n Kort oorsig oor ritme en ritmiese notasie en toniese Solfa geaksentueerde en nie-geaksentueerde polsslae. Tweepols, driepols en vierpolsslagnote. Een-, twee-, drie- en vierpolsslagnote. Halfpols en Kwartpolsslagnote. Stiltepolsslae (rustekens). Inleiding tot ritmiese Balknotasie Balksimbole van note en rustekens. Engels- en Duits-Amerikaanse name van note en rustekens, gepunteerde en verbindingsnote. Tydsoortekens: $\frac{2}{4}$; $\frac{3}{4}$ en $\frac{4}{4}$. Gebruik van ritmiese Balknotasie saam met melodiese en ritmiese sol-fa notasie. Transkripsie van ritmiese sol-fa tot balknotasie en omgekeerd.

Melodie

Die "Doh-ladder" (Majeur Toonleer) en sy trappe. Die oudste bekende toonleer, die Pentatoniese (5 toon) toonleer, die tradisionele toonleer soos gebruik in oorspronklike Bantoemusiek. Die Diatoniese (Sewetoon) toonleer, sy intervalle en toonleertrappe. Inleiding tot melodiese balknotasie. Die balk, lyne, spasies en hulplyne. Relatiewe en absolute toonhoogte. Die G-sleutel. Die C-majeur toonleer en sy lettername. Kromatiese note in C-majeur; F kruis en B mol (fe en ta in sol-fa). Modulasies na die toonsoorte van die Dominant (G-majeur) en die Subdominant (F-Majeur). Toonsoortekens. Die toonlere van G-majeur en F-majeur. Die Lah-mode of oorspronklike mineurtoonleer. Harmoniese en melodiese mineurtoonlere in sol-fa notasie. Die A-mineur toonlere in balknotasie. Karakteristieke intervalle van die mineur toonlere. Toonleertrappe. Verwante toonaarde, die toonlere van E-mineur en D-mineur. Die Bassleutel of F-sleutel.

Harmonie

Die primêre akkoorde van die majeure toonleer. Die primêre akkoorde van die mineur toonleer. Latente harmonie.

Vorm

Die elemente van die vorm in musiek: Tweemaat en viermaat frases; agtmaat sinne. Kadense. Komposisie van kort pentatoniese, majeure en mineur melodieë.

(b) Inleiding tot Geskiedenis en Waardering van Musiek

(Een vraestel, een mondeling).

Die oorsprong van musiek. Kultuurmusiek en volksmusiek, liedere en danse. Die begin van Westerse (Europese) kunsmusiek. Musiek van die Middeleeuse Christelike Kerk. Die invloed van Kerkmusiek en Volksmusiek op Kunsmusiek. "Ligte musiek" van die Klassieke en Romantiese periode. Die instrumente van die orkes. Haydn en Mozart: Hulle lewe en werke.

Kursus II

(a) Die Taal van Musiek II
(Twee vraestelle)*Ritme*

Sol-fa: Sespolsslagmate in stadige en vinnige tempo. Negepolse en Twaalfpolslagmate. Balknotasie: Saamgestelde twee-, drie-, en vierslagmate. Triole in enkelvoudige tyd. Sinkopasje.

Melodie

Die majeure toonlere van D, A, E, B, B \flat , E \flat , A \flat , D \flat en hulle verwante mineur toonaarde. Die sesde kruis en die sesde mol toonaarde ontmoet d.w.s. F kruis het dieselfde toonhoogte as G mol. Die siklus van vyfdes. Enharmoniese veranderinge. Kromatiese Tekens: Dubbel Kruis en dubbel mol. Die Kromatiese toonleer.

Harmonie

Harmonisering van die majoor toonleer. Majeur, mineur en verminderde drieklanke. Harmoniese funksie, grondposisie en omkerings van primêre en sekondêre akkoorde. Skrywe in 4 parte. Kadense. Nie-essentiële note: deurgangsnote, suspensies, hulpnote en binote. Die akkoord van die dominant sewende: grondposisie en omkerings. Modulasie na naverwante toonaarde. Harmonisering van die mineure toonlere. Die vergrote drieklanke. Die akkoord van die verminderde sewende. Modulasie van mineur toonaarde na die verwante majeure en omgekeerd.

Vorm

Tweeleding en drieleding. Minuet en Trio; Rondo. Komposisie van kort stukke vir koor of klavier.

(b) Musiekgeskiedenis en Waardering II
(Een vraestel, een mondeling).

Die tydperke van Westerse musiek: Renaissance—Barok—Klassiek—Romanties—Modern.

Die hoofvorme van die klassieke tydperk: Sonatevorm, soos aangewend in simfoniese, concerto en kamerstukke. Opera, Oratorium en Kerkmusiek. L. van Beethoven: Lewensbeskrywing en werke. Die "klassieke romantikus": Franz Schubert. Minatuurvorme van die romantiese tydperk: Lieder (Duitse lieder) en kort klavierstukke. Chopin, Schumann en Brahms. Die klimaks van die 19de eeuse opera: Verdi en Wagner. Operette: Offenbach, Sullivan en die Straussgesin.

Kursus III

(a) Die Taal van Musiek III
(Twee vraestelle, een prakties)*Harmonie*

Sekondêre akkoorde van die sewende. Die Napolitaanse akkoord van die sesde. Vergrote akkoorde van die sesde: Italiaanse, Franse en Duitse. Kromatiese modulasie.

Kontrapunt. Die vyf "spesies"

Komposisie. Gewyde en sekulêre koorstukke. Verwerking van volkssang vir skoolkore.

(b) Musiekgeskiedenis en Waardering III

Die barokperiode. Die ontstaan en ontwikkeling van opera en oratorium. Kerk en instrumentale musiek. Monteverdi—Purcell—Bach—Handel: Lewensbeskrywing en werke.

Praktiese Studies**Kursus I**

- | | | |
|-------------------|---|--|
| Eksamen 30 minute | { | Hoof praktiese vak: <i>Klavier I</i> (individuele onderrig).
Minimum voorwaardes vir toelating: 'n standaard gelykstaande aan graad III van Unisa, Associated Board of Trinity College.
<i>Sang I</i> (individuele onderrig). Toelating word bepaal volgens stemkwaliteit. <i>Een blaasinstrument van eie keuse</i> (groeponderrig). |
| Eksamen 15 minute | { | Tweede praktiese onderwerp: <i>Klavier I</i> (groeponderrig).
Alleenlik vir studente, wat <i>Klavier</i> as hoof praktiese vak neem:
<i>Sang I</i> of <i>Blaasinstrument I</i> (groeponderrig). |
| Geen eksamen | { | Ensemble werksaamhede: <i>Koor I</i> . Punte word bepaal volgens klasrekords. |

Kursus II

- | | | |
|-------------------|---|---|
| Eksamen 30 minute | { | Hoof praktiese vakke: <i>Klavier II</i> , <i>Sang II</i> , <i>Blaasinstrument II</i> (Studente, wat 'n eerste klas slaagsyfer in <i>Blaasinstrument I</i> behaal het, ontvang individuele onderrig). |
| Eksamen 15 minute | { | Tweede praktiese vak: <i>Klavier II</i> (Studente, wat 'n eerste klas slaagsyfer in <i>Klavier I</i> behaal het, ontvang individuele onderrig).
Alleenlik vir studente, wat <i>Klavier II</i> as h.p.v. neem: <i>Sang II</i> of <i>Blaasinstrument II</i> (Studente, wat 'n eerste klas slaagsyfer in <i>Sang I</i> of <i>Blaasinstrument I</i> behaal het, ontvang individuele onderrig.) |
| Geen eksamen | { | Ensemble werksaamhede: <i>Koor II</i> .
Punte word bepaal volgens klasrekords. |

Kursus III

- | | | |
|-------------------|---|--|
| Eksamen 30 minute | { | Hoof praktiese vakke: <i>Klavier III</i> .
<i>Sang III</i> , <i>Blaasinstrument III</i> . |
| Eksamen 15 minute | { | Tweede praktiese vak: <i>Klavier III</i> .
Alleenlik vir studente wat <i>Klavier III</i> as h.p.v. neem:
<i>Sang III</i> of <i>Blaasinstrument III</i> , of die eerste kursus in <i>blaasinstrument</i> of <i>sang</i> . |
| Eksamen 15 minute | { | Derde praktiese vak: <i>Dirigering</i>
en
<i>Kooropleiding I</i> . |
| Geen eksamen | { | Ensemble werksaamhede: <i>Koor III</i> .
Punte word bepaal volgens klasrekords. |

Hoër Sekondêre Onderwys Diploma

Kursus I

(Drie lesings per week)

(a) Die Taal van Musiek I

(Twee lesings per week) (Een vraestel. Drie Uur)

Inleiding tot die 3 elemente van die taal van Musiek: Melodie, Ritme en Harmonie in Sol-fa notasie.

Melodie. Die "Doh-ladder" (Majeur Toonleer) en sy trappe. Die oudste bekende toonleer, die Pentatoniese (5 toon) toonleer, die tradisionele toonleer soos gebruik in oorspronklike Bantoe musiek.

Ritme. Geaksentueerde en nie geaksentueerde polsslac. Tweepols en driepolsslagmate en hulle gelykwaardige note. Primêre en Sekondêre Vorm. Franse tydname.

Melodie. Twee- en viermaat frases; agtmaat sinne. Komposisie van Pentatoniese melodieë. Die Diatoniese (Sewetoon) toonleer, sy intervalle en toonleertrappe.

Ritme. Vierpolsslagmaat. Die *halfslag note*. Stilteposslac (rustekens). Inleiding tot ritmiese Balknotasie. Balksimbole van note en rustekens. Tydsoortekens: $\frac{2}{4}$; $\frac{3}{4}$ en $\frac{4}{4}$. Gebruik van ritmiese Balknotasie saam met melodiese en ritmiese sol-fa notasie.

Melodie. Italiaanse terme en betekenis met betrekking tot dinamiese benaminge en spoed. Oorgang tot die eerste Kruistoonsoort en eerste moltoonsoort en die terugkeer tot die oorspronklike toonsoort.

Harmonie. Die Primêre akkoorde van die Majeur toonleer: Doh-akkoord (Tonika akkoord), soh-akkoord (Dominant-akkoord) en Fah-akkoord (Subdominant akkoord). Latente harmonie.

Melodie. Inleiding tot melodiese balknotasie. Die balk, lyne, spasies en hulplyne. Relatiewe en absolute toonhoogte. Die G-sleutel. Die C-majeur toonleer en sy lettername. Modulasies na die toonsoorte van die Dominant (G-majeur) en die Subdominant (F-majeur). Transposisie. Kromatiese note in C-majeur: F kruis en B mol (fe en ta in sol-fa.) Toonsoortekens. Die toonlere van G-majeur en F-majeur. Kadense.

Ritme. Kwartpolsslagnote. Engels en Amerikaanse name van note en rustekens. Gepunteerde en verbindingsnote. Enkelvoudige Tweeslagmaat, Drieslagmaat en Vierlagmaat. Sespolsslagmate in stadige en vinnige tempo. Negepolse en Twaalfpolsslagmate. Saamgestelde twee-, drie-, en vierslagmate.

Melodie. Die Bas-sleutel of F sleutel. Mineurtoonlere. Die Lah-mode of oorspronklike mineurtoonleer; Harmoniese en melodiese mineurtoonlere in sol-fa notasies. Die A-mineur toonlere in balknotasie. Karakteristieke intervalle van die mineur toonlere. Verwante toonaarde. Toonleertrappe.

Harmonie. Die primêre akkoorde van die mineur toonleer.

Ritme. Triole in enkelvoudige tyd. Sinkopasie.

Komposisie van kort majeure en mineur melodieë.

(b) Inleiding tot Geskiedenis en Waardering van Musiek.

(Een lesing per week) (Een Vraestel Twee Uur)

Die oorsprong van musiek. Kultusmusiek en volksmusiek, liedere en danse. Die begin van Europese (Westerse) kunsmusiek: Musiek van die Middeleeuse Christelike Kerk. Die invloed van Kerkmusiek en Volksmusiek op Kunsmusiek. 'n Oorsig van Europese Musiek, van die 18de en 19de eeu. "Ligte musiek" van die Klassieke en Romantiese periode. Die instrumente van die orkes. Handel, Haydn, Mozart: Hulle lewe en werke.

Kursus II

(Vyf lesings per week)

(a) Die Taal van Musiek II

(Drie lesings per week) (Twee Vraestelle. Twee uur elk)

Die majeure toonlere van D, A, E, B, B \flat , E \flat , A \flat , D \flat en hulle verwante mineur toonaarde. Kromatiese Tekens: Dubbel Kruis, en dubbel mol. Enharmoniese veranderinge: die sesde kruis en die sesde mol toonaarde ontmoet, d.w.s. F kruis het dieselfde toonhoogte as G mol. Die siklus van vyfdes. Die elemente van die vorm in musiek. Komposisie van majeure en mineur melodieë. Transkripsie van sol-fa tot balknotasie en omgekeerd. Die Kromatiese toonleer. Harmonisering van die majeure toonleer. Majeur, mineur en verminderde drieklanke. Stryke in 4 parte. Grondposisie en omkerings van primêre en sekondêre akkoorde. Harmoniese funksie. Kadense. Nie-essensiële note: deurgangsnote, suspensies, hulpnote en binote. Verwerking van volksliedjies vir skoolkore. Die akkoord van die dominant sewende. Modulasie na naverwante toonaarde. Harmonisering van die mineur toonlere. Die vergrote drie klank. Die akkoord van die mindere sewende. Modulasie van mineur toonaarde na die verwante majeure en omgekeerd. Sekondêre akkoorde van die sewende. Die Napolitaanse akkoord van die sesde. Die akkoord van die dominant negende. Vergrote akkoorde van die sesde: Italiaanse, Franse en Duitse. Kromatiese modulasie.

(b) Geskiedenis en Waardering van Musiek

(Twee lesings per week) (Een Vraestel. Drie Uur)

Die periodes van Westerse Musiek: Renaissance—Barok—Klassieke—Romantiese—Moderne.

<i>Renaissance.</i>	Hoofvorms	: Motet en Madrigal.
	Palestrina	: Lewe en Werk.
<i>Barok.</i>	Hoofvorms	: Prelude en fuga, konsert.
		Kerkkantata, Oratorium, Opera.
	J. S. Bach	: Lewe en Werk.
	Oorsprong en ontwikkeling van Opera.	
<i>Klassieke.</i>	Hoofvorms	: Sonata, Simfonie, Strykkwartet, Konsert,
		Opera.
	Beethoven	: Lewe en Werk.

- Romantiese.* Hoofvorms : dieselfde as klassieke.
 Miniatuurvorms : Liedere en kort klavierstukke.
 Schubert, Chopin, Brahms, Verdi, Wagner.
 Hulle lewe en werk.
- Moderne.* Debussy, Stravinsky, Bartok, Carl Orff:
 Hulle lewe en werk.

Kursus III

(Vier lesings per week) (Twee Vraestelle. Twee uur elk)

Vraestel I:

- I. Metodiek van die Taal van Musiek.
- II. Metodiek van geskiedenis en waardering van musiek.

Vraestel II.

- I. Metodiek van klassang en koor afrigting.
- II. Metodiek van die hoof praktiese vak.



Praktiese Werk—Kursus I, II, III

- Eksamen 15 min.* Hoof praktiese vak : 1 blaasinstrument van eie keuse.
 (Groeponderrig).
- Eksamen 10 min.* Tweede praktiese vak: Klavier (groeponderrig).
- Geen eksamen.* Ensemble werk : Koor en Blaasorkes. Punte hang af van klasrekord.

Fakulteit Ekonomiese Wetenskappe

INLEIDING

Die Fakulteit Ekonomiese Wetenskappe bied die B.Comm. en B.Admin. graad-kursusse aan, sowel as na-graadse kursusse in verskeie kommersiële en administratiewe vakke.

Die Fakulteit bestaan uit die volgende departemente:

- Ekonomie,
- Bedryfsekonomie,
- Bedryfsielkunde,
- Rekeningwetenskappe.

Sekere vakke vir die B.Comm. en B.Admin.-grade word deur departemente en sub-departemente van ander Fakulteite aangebied: Staatsleer, Publieke Administrasie, Statistiek en Statistiese Metodes, **Kommersiële Reg**, Sosiale en Ekonomiese Wettereg en Staats- en Administratiefreg.

'n Graad in die bogenoemde rigtings **bekwaam 'n persoon** vir 'n wye verskeidenheid van betrekings in die handel en nywerheid, sowel as in die publieke diens. Talle vakatures bestaan op die oomblik in stedelike gebiede, grensgebiede sowel as in die tuislande.



 University of Fort Hare
FAKULTEIT EKONOMIESE WETENSKAPPE
Together in Excellence

REGLEMENT

GRADE EN DIPLOMAS IN EKONOMIESE WETENSKAPPE

N.B.—Voornemende studente vir die B.Comm.-en B.Admin.-graadkursus word aangeraai om Handelsmatriek as studierigting te kies.

Reëls vir Grade en Diplomas in die Ekonomiese Wetenskappe.

Die fakulteitsreëls wat hierop volg moet tesame met die voorskrifte van die Wet, die Statuut, die regulasies en die algemene reëls gelees word.

C.1. Die volgende Grade word in die Fakulteit uitgereik:

In die Handel:

Baccalaureus Commercii.....	B.Comm.
Honneurs-Baccalaureus Commercii.....	B.Comm. (Hons.)
Magister Commercii.....	M.Comm.
Doctor Commercii.....	D.Comm.

In die Administrasie:

Baccalaureus Administrationis.....	B.Admin.
Honneurs-Baccalaureus Administrationis.....	B.Admin. (Hons.)
Magister Administrationis.....	M.Admin.
Doctor Administrationis.....	D.Admin.

Die volgende voorgraadse Diploma word in die Fakulteit uitgereik:

Diploma in HandelDip. Comm.

DIE GRAAD BACCALAUREUS COMMERCII

Studierigtings

C.2. Die graad kan in enigeen van die volgende studierigtings behaal word:

- Bestuur
- Ekonomie/Bedryfsekonomie
- Ekonomie
- Rekeningkunde

Leergange

C.3. Die leergang vir elkeen van die onderskeie studierigtings is soos hieronder uiteengesit:

Personeelbestuur

- Eerste jaar :*
1. Bedryfsielkunde I
 2. Bedryfsekonomie I
 3. Ekonomie I
 4. Rekeningkunde I
 5. Statistiek I of Statistiese Metodes
- Tweede jaar :*
6. Bedryfsielkunde II
 7. Ekonomie II
 8. Bedryfsekonomie II
 9. Rekeningkunde II
 10. Kommersiële Reg I
- Derde jaar :*
11. Bedryfsielkunde III
 12. Bedryfsekonomie III
 13. Kleinhandelsbestuur of Koöperasiewese of Toegepaste Informatika II

Ekonomie/Bedryfsekonomie

- Eerste jaar :*
1. Ekonomie I
 2. Bedryfsekonomie I
 3. Rekeningkunde I
 4. Kommersiële Reg I
 5. Statistiek I of Statistiese Metodes
- Tweede jaar :*
6. Ekonomie II
 7. Bedryfsekonomie II
 8. Rekeningkunde II
 9. Kommersiële Reg II
- Derde jaar :*
10. Ekonomie III
 11. Bedryfsekonomie III
 12. Rekeningkunde III

Ekonomie

- Eerste jaar :*
1. Ekonomie I
 2. Bedryfsekonomie I
 3. Rekeningkunde I
 4. Kommersiële Reg I
 5. Statistiek I of Statistiese Metodes
- Tweede jaar :*
6. Ekonomie II
 7. Bedryfsekonomie II
 8. Rekeningkunde II of Statistiek II
 9. Ontwikkelingsekonomie I
- Derde jaar :*
10. Ekonomie III
 11. Ontwikkelingsekonomie II
 12. Bedryfsekonomie III of Statistiek III

Rekeningkunde

- Eerste jaar :*
1. Rekeningkunde I
 2. Kommersiële Reg I
 3. Bedryfsekonomie I
 4. Ekonomie I
 5. Statistiek I of Statistiese Metodes
- Tweede jaar :*
6. Rekeningkunde II
 7. Kommersiële Reg II
 8. Bedryfsekonomie II
 9. Ekonomie II
 10. Boedelbereddering
- Derde jaar :*
11. Rekeningkunde III
 12. Kommersiële Reg III
 13. Bedryfsekonomie III
 14. Ouditkunde

Taalvereistes

C.4. 'n Student wy een lesing per week in die taallaboratorium aan 'n handels-taalkursus, of in die eerste of in die tweede studiejaar vir drie kwartale (ongeveer 20 uur). Indien hy egter voor die tyd in 'n vaardigheidstoets in die handelstaalkursus slaag, kan hy van verdere bywoning in die taallaboratorium vrygestel word.

Beperkings op inskrywing vir kursusse

- C.5. (1) 'n Student in enige studiejaar kan een kursus meer neem as die aantal kursusse wat vir daardie studiejaar voorgeskryf is.
- (2) 'n Student word nie toegelaat om 'n tweedejaars- of derdejaarskursus te neem nie tensy hy minstens twee van die kursusse voltooi het wat vir die eerste of tweede studiejaar respektiewelik voorgeskryf is nie: Met dien verstande dat minstens twee derdejaarskursusse gelyktydig in die derde studiejaar geneem moet word.

- (3) 'n Student word geag in sy eerste studiejaar te wees totdat hy erkenning vir minstens drie eerstejaarskursusse ontvang het, en in sy derde studiejaar te wees wanneer hy erkenning vir minstens drie tweedejaarskursusse ontvang het en in staat is om minstens twee derdejaarskursusse gelyktydig te neem soos in sub-paragraaf (2) hierbo bepaal; andersins word hy geag in sy tweede studiejaar te wees.
- (4) Vir die doel van hierdie paragraaf beteken 'n tweedejaarskursus die voorlaaste kursus, en 'n derdejaarskursus die laaste kursus in enige van die vakke in die lys in paragraaf C.7.

Eksamens

C.6. (1) 'n Subminimum van 40% word voorgeskryf vir elke eerstejaarsvraestel, en 35% vir elke tweede- en derdejaarsvraestel, na gelang van die betrokke leer-gang.

(2) 'n Student word toegelaat tot 'n aanvullende eksamen in 'n kursus waarin hy gedruip het, mits hy die volgende behaal het:

(a) 'n jaarpunt van minstens 50%;

(b) 'n eksamenpunt van minstens 40%; en

(c) die slaagsyfer in minstens twee ander kursusse in dieselfde eksamen:

Met dien verstande dat hierdie vereistes verval indien die betrokke kursus die laaste oorblywende vir sy graad is en dat hy inderdaad die eksamen geskryf het.

Onderskeiding

C.7. Die graad word met onderskeiding in enige van die volgende vakke toegeken aan 'n student wat in die finale kursus daarin slaag met 'n slaappunt van 75%.

Bedryfsekonomie	Ontwikkelingsekonomie
Bedryfsielkunde	Ouditkunde
Ekonomie	Rekeningkunde
Kommersiële Reg	Statistiek

DIE GRAAD BACCALAUREUS ADMINISTRATIONIS

Studierigtings

C.8. Kandidate kan vir die graad Baccalaureus Administrationis in die volgende twee rigtings kwalifiseer:

- Publieke Aangeleenthede
- Personeelbestuur.

Leergange

C.9. Die leergang vir die twee rigtings is soos hieronder uiteengesit:

Publieke Aangeleenthede

- Eerste jaar :
1. Publieke Administrasie I
 2. Staatsleer I
 3. Ekonomie I
 4. Bedryfsekonomie I
 5. Rekeningkunde I

- Tweede jaar :*
6. Publieke Administrasie II
 7. Staatsleer II
 8. Ekonomie II
 9. Bedryfsekonomie II
 10. Uitleg van Wette

- Derde jaar :*
11. Publieke Administrasie III
 12. Staatsleer III
 13. *Een van die volgende :*
Ekonomie III
Staats- en Administratiefreg I

Personeelbestuur

- Eerste jaar :*
1. Bedryfsielkunde I
 2. Publieke Administrasie I
 3. Ekonomie I
 4. Bedryfsekonomie I
 5. Statistiek I of Statistiese Metodes.

- Tweede jaar :*
6. Bedryfsielkunde II
 7. Publieke Administrasie II
 8. Ekonomie II
 9. Bedryfsekonomie II
 10. Staatsleer I

- Derde jaar :*
11. Bedryfsielkunde III
 12. Publieke Administrasie III
 13. Sosiale en Ekonomiese Wettereg



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Beperkings op kursusse

C.10. 'n Student word nie tot Publieke Administrasie III toegelaat nie tensy hy Staatsleer I voltooi het of tensy hierdie kursus gelyktydig daarmee geneem word.

Taalvereistes

C.11. 'n Student wy een lesing per week in die taallaboratorium aan 'n handeltaalkursus, of in die eerste of in die tweede studiejaar vir drie kwartale (ongeveer 20 uur). Indien hy egter voor die tyd in 'n vaardigheidstoets in die handelstaalkursus slaag, kan hy van verdere bywoning in die taallaboratorium vrygestel word.

Beperkings op inskrywing vir kursusse

- C.12. (1) 'n Student in enige studiejaar kan een kursus meer neem as die aantal kursusse wat vir daardie studiejaar voorgeskryf is.
- (2) 'n Student word nie toegelaat om 'n tweedejaars- of derdejaarskursus te neem nie tensy hy minstens twee van die kursusse voltooi het wat vir die eerste of tweede studiejaar respektiewelik voorgeskryf is nie: Met dien verstande dat minstens twee derdejaarskursusse gelyktydig in die derde studiejaar geneem moet word.
- (3) 'n Student word gegag in sy eerste studiejaar te wees totdat hy erkenning vir minstens drie eerstejaarskursusse ontvang het, en in sy derde studiejaar te wees

wanneer hy ekenning v.r minstens drie tweedejaarskursusse ontvang het en in staat is om minstens twee derdejaarskursusse gelyktydig te neem soos in sub-paragraaf (2) hierbo bepaal; andersins word hy geag in sy tweede studiejaar te wees.

- (4) Vir die doel van hierdie paragraaf beteken 'n tweedejaarskursus die voorlaaste kursus, en 'n derdejaarskursus die laaste kursus in enige van die vakke in die lys in paragraaf C.14.

Eksamens

- C.13. (1) 'n Subminimum van 40% word voorgeskryf vir elke eerstejaarsvraestel, en 35% vir elke tweede- en derdejaarsvraestel, na gelang van die betrokke leergang.
- (2) 'n Student word toegelaat tot 'n aanvullende eksamen in 'n kursus waarin hy gedruip het, mits hy die volgende behaal het:
- (a) 'n jaarpunt van minstens 50%;
- (b) 'n eksamenpunt van minstens 40%; en
- (c) die slaagsyfer in minstens twee ander kursusse in dieselfde eksamen:
- Met dien verstande dat hierdie vereistes verval indien die betrokke kursus die laaste oorblywende vir sy graad is en dat hy inderdaad die eksamen geskryf het.

Onderskeiding

University of Fort Hare

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- C.14. Die graad word met onderskeiding in enige van die volgende vakke toegeken aan 'n student wat in die finale kursus daarin slaag met 'n slaagpunt van 75%.

Bedryfsekonome

Publieke Administrasie

Bedryfsielkunde

Staatsleer

Ekonomie

DIE GRAAD HONNEURS-BACCALAUREUS COMMERCII

(Verwys ook asseblief na die Statuut en die algemene reëls vir honneurs-baccalaureusgrade)

- C.15. (1) Die graad kan in enigeen van die volgende vakke behaal word:

Bedryfsekonome

Rekeningkunde

Bedryfsielkunde

Statistiek

Ekonomie

Die Departementshoof kan van 'n kandidaat vereis dat hy oor 'n genoegsame kennis van Afrikaans en Engels beskik om gevorderde vakliteratuur te kan lees en begryp.

- (2) Die Honneurskursus strek oor minstens een jaar voltydse studie, maar behalwe in die geval van die honneurskursus in Rekeningkunde, kan 'n kandidaat met goedkeuring van die betrokke departementshoof die kursus in twee dele aflê wat elk oor een akademiese jaar strek.

- (3) 'n Kandidaat mag, met die goedkeuring van die betrokke departementshoof, die kursus op 'n deelydse grondslag volg wat oor twee jaar strek.*
- (4) 'n Kandidaat mag hom nie vir enige deel van die eksamen aanmeld nie tensy hy die Departementshoof bevredig het wat die gehalte van sy werk betref nie.
- (5) Om in die eksamen te slaag moet 'n kandidaat wat die hele eksamen in een eksamentyd aflê, 'n totale slaagsyfer van 50% en 'n subminimum van 40% in elke vraestel of kursus behaal.
- (6) Om in die eksamen te slaag moet 'n kandidaat wat die eksamen in twee dele aflê, nie alleen 'n totale slaagsyfer van 50% behaal nie, maar ook 50% in elke vraestel. Hierdie subparagraaf is nie van toepassing op die Rekeningkunde kursus nie na aanleiding van subparagraaf (2) hierbo.
- (7) Die graad word met onderskeiding toegeken aan 'n kandidaat wat 'n totale slaagsyfer van minstens 75% behaal.

Leergang.

C.16.

(1) *Bedryfseconomie*

Kandidate vir die graad **Honneurs-Baccalaureus** Commercii in Bedryfseconomie moet VYF skriftelike vraestelle aflê, wat uit groep A en groep B, hieronder saamgestel is.

Die samestelling van die kursusse moet in oorleg met die betrokke Departementshoof gedoen word. Minstens drie vraestelle uit groep A en minstens een uit groep B, sal voorgeskryf word.

Groep A

Vraestel 1: Gevorderde Algemene Bedryfsleiding.

Vraestel 1: Algemene Bedryfsleiding.

Vraestel 2: Gevorderde Bemerkingsbestuur.

Vraestel 3: Gevorderde Finansiëlebestuur.

Vraestel 4: Bemerkingsnavorsing.

Vraestel 5: Verkoopsbevordering.

Vraestel 6: Gevorderde Produksiebestuur.

Vraestel 7: Koöperasiewese.

Groep B

Vraestel 1: Ekonomiese Ontwikkeling en Groei.

Vraestel 2: Ergonomika.

Vraestel 3: 'n Spesiale onderwerp uit die Publieke Administrasie.

Vraestel 4: Gevorderde Bestuursrekeningkunde (Mits die kandidaat Rekeningkunde III voltooi het).

Vraestel 5: 'n Spesiale onderwerp uit die Statistiek.

(2) *Ekonomie*

Kandidate in die graad Honneurs Baccalaureus Commercii in Ekonomie moet VYF skriftelike vraestelle aflê, waarvan die twee vraestelle in groep I en minstens een vraestel in Groep II verpligtend is.

*Lesings sal aangebied word elke tweede Saterdagoggend gedurende die akademiese jaar. 'n Totaal van ongeveer 14 lesingsperiodes)

- Groep I :*
1. Waarde- en prysleer
 2. Inkomste- en groeiteorie
- Groep II :*
3. Geld- en Bankwese
 4. Ontwikkelingsbeleid en -beplannings
 5. Konjunktuurleer
 6. Internasionale ekonomiese betrekkinge
 7. Openbare finansies
- Groep III :*
8. Volksrekeninge
 9. Demografies en arbeidsvraagstukke
 10. 'n Onderwerp uit die voorgeskrewe vrastelle vir Honneurs-Bedryfsekonomie
 11. Ekonomiese geskiedenis
 12. Ekonomiese denke
 13. Enige ander goedgekeurde onderwerp.

Let Wel—Die keuse geskied in oorleg met die Departementshoof.

(3) *Bedryfsielkunde*

Kandidate vir die graad Honneurs-Baccalaureus Commercii in Bedryfsielkunde moet VYF skriftelike vraestelle aflê. Die skriftelike vraestelle kan in twee dele afgelê word. Deel I bestaan uit enige twee vraestelle en Deel II uit die oorblywende drie vraestelle.

Vraestel 1: Bedryfsielkundige Navorsingsmetodes.

Vraestel 2: Ergonomie.

Vraestel 3: Verbruikers- en bemarkingsielkunde.

Vraestel 4: Personeelsielkunde.

Vraestel 5: Sosiale Bedryfsielkunde.

Praktika :

Om te kwalifiseer vir die Honneurseksamen moet 'n verslag oor die voorgeskrewe praktiese werk wat die student gedoen het voorgelê word. Die verslag is in die vorm van 'n ondersoek, verkieslik in die nywerheid, wat in oorlegpleging met die Hoof van die Departement gekies word.

(4) *Rekeningkunde*

- (a) Kandidate vir die graad Honneurs Baccalaureus Commercii in Rekeningkunde moet die volgende VIER skriftelike vraestelle aflê:
1. Gevorderde Finansiële Rekeningkunde
 2. Gevorderde Ouditkunde
 3. Gevorderde Bestuursrekeningkunde
 4. Gevorderde Belasting.
- (b) Toegepaste Informatika II moet voltooi word voordat die Honneursgraad in Rekeningkunde toegeken sal word.
- (c) Die eksamen in al die vraestelle sal in Februarie geskryf word, met die uitsondering van Toegepaste Informatika wat in November geskryf sal word.

DIE GRAAD HONNEURS-BACCALAUREUS ADMINISTRATIONIS

(Verwys ook asseblief na die Statuut en die algemene reëls vir honneurs-baccalaureusgrade.)

C.17. (1) Die graad kan in enigeen van die volgende vakke behaal word:

Bedryfsekonomie	Publieke Administrasie
Bedryfsielkunde	Staatsleer
Ekonomie	

Die Departementshoof kan van 'n kandidaat vereis dat hy oor 'n genoegsame kennis van Afrikaans en Engels beskik om gevorderde vakliteratuur te kan lees en begryp.

- (2) Die honneurskursus strek oor minstens een jaar voltydse studie, maar 'n kandidaat kan, met goedkeuring van die Departementshoof, die kursus in twee dele aflê wat elk oor een akademiese jaar strek.
- (3) 'n Kandidaat mag, met die goedkeuring van die betrokke departementshoof, die kursus op 'n deelydse grondslag volg wat oor twee jaar strek.*
- (4) 'n Kandidaat mag hom nie vir enige deel van die eksamen aanmeld nie tensy hy die Departementshoof bevredig het wat die gehalte van sy werk betref nie.
- (5) Om in die eksamen te slaag moet 'n kandidaat wat die hele eksamen in een eksamentyd aflê, 'n totale slaagsyfer van 50% en 'n subminimum van 35% in elke vraestel behaal.
- (6) Om in die eksamen te slaag moet 'n kandidaat wat die eksamen in twee dele aflê, nie alleen 'n totale slaagsyfer van 50% behaal nie, maar ook 50% in elke vraestel.
- (7) Die graad word met onderskeiding toegeken aan 'n kandidaat wat 'n totale slaagsyfer van minstens 75% behaal.

DIE GRADE MAGISTER COMMERCII EN MAGISTER ADMINISTRATIONIS

C.18. Benewens die algemene reëls vir Magistergrade moet 'n student voldoen aan die spesiale reëls van die fakulteit.

(1) *Die Volgende is die Vakke waarin die Magistergraad toegeken kan word:*

- M.Comm.: Bedryfsielkunde, Bedryfsekonomie, Ekonomie, Rekeningwetenskappe, Statistiek.
- M.Admin.: Bedryfsielkunde, Bedryfsekonomie, Ekonomie, Publieke Administrasie en Staatsleer.

(2) *Vereistes om te slaag:*

Indien die eksamen vir die grade M.Comm. en M.Admin. uit 'n vasgestelde aantal vraestelle bestaan, slaag die student wanneer hy minstens 40% in elke vraestel behaal en 'n gemiddelde van minstens 50% in al die vraestelle saam.

Indien die eksamen uit 'n verhandeling bestaan, slaag die student indien sy verhandeling die eksaminatore tevrede stel.

*Lesings sal aangebied word elke tweede Saterdagoggend gedurende die akademiese jaar. ('n Totaal van ongeveer 14 lesingsperiodes)

(3) *Die graad word met lof verwerf :*

Indien die eksamen uit vraestelle bestaan en die student 'n gemiddelde van minstens 75% vir die hele eksamen behaal het of;

Indien die eksamen uit 'n verhandeling bestaan en die student na die mening van die eksameninatore 'n eerste klas standaard behaal het.

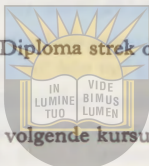
DIE GRADE DOCTOR COMMERCII EN DOCTOR ADMINISTRATIONIS

C.19. Die algemene reëls G.42 tot G.56 is van toepassing.

DIPLOMA IN HANDEL

Leergang

C.20. Die leergang vir die **Diploma strek** oor 'n tydperk van drie jaar en lei tot die Diploma Commerci.



Die leergang bestaan uit die volgende kursusse:

- Eerste jaar :*
1. Ekonomie I
 2. Bedryfsekonomie I
 3. Rekeningkunde I
 4. Statistiese Metodes
 5. Bedryfsielkunde I of Kommersiële Reg I
- Tweede jaar :*
6. Ekonomie II
 7. Bedryfsekonomie II
 7. Bedryfsekonomie II
 8. Rekeningkunde II of Bedryfsielkunde II of Kommersiële Reg II
- Derde jaar :* 9 en 10. Twee van die volgende:
- Ekonomie III
 - Bedryfsekonomie III
 - Rekeningkunde III of Bedryfsielkunde III of Kommersiële Reg III of Ko-operasiewese.

Toelatingsvereistes

C.21. Die Senior Sertifikaat of 'n gelykstaande kwalifikasie is die minimum vereiste vir toelating tot die kursus vir Diploma in Handel.

Taalvereistes

C.22. 'n Student wy een lesing per week in die taallaboratorium aan 'n handeltaalkursus, of in die eerste of in die tweede studiejaar vir drie kwartale (ongeveer 20 uur). Indien hy egter voor die tyd in 'n vaardigheidstoets in die handelstaalkursus slaag, kan hy van verdere bywoning in die taallaboratorium vrygestel word.

Beperkings op inskrywing vir kursusse

- C.23. (1) 'n Student in enige studiejaar kan een kursus meer neem as die aantal kursusse wat vir daardie studiejaar voorgeskryf is.
- (2) 'n Student word nie tot die kursusse van die tweede of derde studiejaar toegelaat nie tensy hy minstens twee kursusse voltooi het wat vir die eerste of tweede jaar respektiewelik voorgeskryf is.
- (3) 'n Student word geag in sy eerste studiejaar te wees totdat hy erkenning ontvang het vir minstens drie eerstejaarskursusse, in sy derde studiejaar wanneer hy in staat is om albei voorgeskrewe derdejaarskursusse te volg soos bepaal in sub-paragraaf (2) hierbo; andersins word hy geag in sy tweede studiejaar te wees.
- (4) Vir die doel van hierdie paragraaf beteken 'n tweedejaarskursus die voorlaaste kursus, en 'n derdejaarskursus die laaste kursu in enige van die vakke in die lys in paragraaf C.25.

Eksamens

- C.24. (1) 'n Subminimum van 40% word voorgeskryf vir elke eerstejaarsvraestel, en 35% vir elke tweede- en derdejaarsvraestel, na gelang van die betrokke leergang.
- (2) 'n Student word toegelaat tot 'n aanvullende eksamen in 'n kursus waarin hy gedruip het, mits hy die volgende behaal het:
- (a) 'n jaarpunt van minstens 50%;
- (b) 'n eksamenpunt van minstens 40%; en
- (c) die slaagsyfer in minstens twee ander kursusse in dieselfde eksamen: Met dien verstande dat hierdie vereistes verval indien die betrokke kursus die laaste oorblywende vir sy graad is en dat hy inderdaad die eksamen geskryf het.

Onderskeiding

- C.25. Indien 'n student in die finale kursus 'n slaagpunt van 75% in een van die volgende vakke behaal, sal daardie vak met onderskeiding aan hom toegeken word:
- | | |
|-----------------|-----------------|
| Bedryfseconomie | Ekonomie |
| Bedryfsielkunde | Kommersiële Reg |
| Rekeningkunde | |

LEERPLANNE**DEPARTEMENT BEDRYFSEKONOMIE EN KOÖPERASIEWESE****BEDRYFSEKONOMIE****Kursus I**

(Een Vraestel)

1. *Inleiding tot die Bedryfseconomie.*
 - 1.1. Die taak, omvang en metode van die Bedryfseconomie.
 - 1.2. Die ontwikkeling van die bedryfstelsel.

- 1.3. Grondbegrippe: Onderneming, bedryf, ens.
- 1.4. Opkoms van die grootbedryf.
- 1.5. Die ondernemer en sy belangrikheid.
2. *Die Verskillende Ondernemings- en Bedryfsvoorme.*
3. *Oprigtingsvraagstukke.*
 - 3.1. Vestigingsfaktore en -teorieë.
 - 3.2. Bou, aanleg en inrigting van die fabriek.
 - 3.3. Bedryfs- en ondernemersgrootte.
4. *Inleiding tot die sewe Funksies wat in die Onderneming Uitgeoefen word met Spesiale Verwysing na die Personeel- en Administratiewe Funksies.*
 - 4.1 *Personeelfunksie:*
 - 4.1.1 Menslike verhoudings.
 - 4.1.2 Keuse.
 - 4.1.3 Opleiding.
 - 4.1.4 Bevordering.
 - 4.1.5 Ontslag.
 - 4.1.6 Vergoeding van personeel.
 - 4.2 *Administratiewe funksie:*
 - 4.2.1 Funksieverdeling,
 - 4.2.2 Kantoororganisasie,
 - 4.2.3 Voorraadhouding,
 - 4.2.4 Bedryfstatistiek,
 - 4.2.5 Tydkontrole, ens.
5. *Die Owerheid en die Handel en Nywerheid met Besondere Verwysing na die Beleid van Tuislandontwikkeling*
 - 5.1 Vestiging van grensnywerhede;
 - 5.2 Die werksaamhede van die Bantoe Beleggingskorporasie,
 - 5.3 Die X.O.K. ens.



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Kursus II

(Twee Vraestelle)

Eerste vraestel. Inleiding tot Bemerkingsbestuur.

- 1 Organisasie van die aankoopafdeling
- 2 Prys- en aankoopbeleid.
- 3 Voorraadbeheer.
- 4 Aankoopbegroting.
- 5 Aankoopondersoek.
- 6 Bemerkingsvraagstuk en soorte benadering.
- 7 Bemerkingsfunksies.
- 8 Bemerkingsorganisasie.
- 9 Bemerkingskanale.

- 10 Bemarking van landbouprodukte.
- 11 Grondstowwe en fabrikate.
- 12 Produktebeurs.
- 13 Termynhandel.

Tweede vraestel.

Afdeling 1—Inleiding tot Finansiële Bestuur.

- 1.1. Die taak en terrein van bedryfsfinansiering.
- 1.2. Die promotor en sy funksies.
- 1.3. Die waardering van die nuwe onderneming en sy behoeftes om lang- en korttermynkapitaal.
- 1.4. Die vorme van lang- en korttermynkapitaal.
- 1.5. Die finansiële plan van die bedryf.
- 1.6. Die geld- en kapitaalmark.
- 1.7. Die verkoop van effekte. Die effektebeurs.

Afdeling 2—Produksiebestuur.

- 2.1. Doelstellings en taak van produksiebestuur.
- 2.2. Produksiebeplanning.
- 2.3. Inrigting van die fabriek en die hantering van materiaal.
- 2.4. Investeringsbeslissings.
- 2.5. Voorraadbeheer.
- 2.6. Produksiebeheer.
- 2.7. Kwaliteitsbeheer.
- 2.8. Metodestudie.
- 2.9. Werkstudies.
- 2.10. Loonstelsels.



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Kursus III

(Drie vraestelle)

Eerste vraestel.

(Bemarkingsbestuur.)

- 1 Die doelstellings van bemarkingsbeheer.
- 2 Bemarkingsnavorsing en markvooruitskatting.
- 3 Produkbeleid.
- 4 Distribusiebeleid.
- 5 Verkoopsbevorderingsbeleid.
- 6 Prysbeleid.

Tweede vraestel.

Finansiële Bestuur.

1. Die taak en doelstellings van finansiële bestuur.
2. Koste, kosprys en waarde; metodes van kostetoedeling.
3. Beplanning en beheer van bates: Finansiële analise; kontantbeheer; krediet-beheer; voorraadbeheer; kapitaalbegrotings.

4. Bepanning van die finansiële struktuur: Bepanning van die metodes van finansiëring; die koste van kapitaal.
5. Beheer van kort- en mediumtermyn kapitaal.
6. Beheer van langtermyn kapitaal.
7. Waardering van besigheidsondernemings.

Derde vraestel.

Afdeling 1—Algemene Leiding.

- 1.1 Die grondbeginsels van bedryfsleiding.
- 1.2 Die taak van die bedryfsleiding.
- 1.3 Elemente van die taak van bedryfsleiding: Bepanning; organisasie; koördinasie; bevelvoering; kommunikasie; moreel; beheer.
- 1.4 Enkele bestuursteorieë.
- 1.5 Enkele moderne bestuurshulpmiddele.

Afdeling 2—Eksterne Verhoudings.

- 2.1 Openbare verhoudings.
- 2.2 Staatsbeheer en steun.
- 2.3 Bedryfsverenigings.
- 2.4 Streeks- en nasionale ontwikkelingsorganisasies.
- 2.5 Internasionale organisasies.
- 2.6 Internasionale tendense en betrekkinge.



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KLEINHANDELBESTUUR

1. Kleinhandel—oriëntasie en ontwikkeling.
2. Vestiging van die kleinhandel.
3. Moderne handelsmetodes.
4. Prysbeleid, prysbepaling en mededingende strategie.
5. Verkoopbevordering in die kleinhandel.
6. Finansiële bepanning en beheer.
7. Personeelbestuur in die kleinhandel.
8. Navorsing en verbruikersgedrag.

KOÖPERASIEWESE

(Een vraestel)

- 1 Betekenis en geskiedenis van die koöperatiewe stelsel; die besondere aard van koöperasies.
- 2 Die historiese agtergrond van die koöperatiewe stelsel in die Republiek van Suid-Afrika en Bantoegebiede.
- 3 Koöperatiewe wetgewing.
- 4 Tipes koöperasies:
 - 4.1 Landboukoöperasies.
 - 4.2 Versekeringskoöperasies.

- 4.3 Sentrale Koöperasies.
- 4.4 Koöperatiewe banke.
- 4.5 Verbruikerskoöperasies^o ens.
- 5 Interne bestuur en organisasie van die koöperasie.
- 6 Finansiering en finansiële bestuur.
- 7 Belasting en belastingsprobleme van koöperasies.
- 8 Koöperasies in ontwikkelende lande en die besondere rol wat dit speel.
- 9 Internasionale vergelykings.

DEPARTEMENT BEDRYFSIELKUNDE

BEDRYFSIELKUNDE

Kursus I

(Een vraestel)

1. *Inleiding*: Die historiese ontwikkeling van Bedryfsielkunde. Die personeelfunksie.
2. *Basiese sielkundige konsepte*:
 - (a) Leer, geheue en retensie.
 - (b) Emosie, driewwe, frustrasie en konflik.
 - (c) Fisiologie van die senuweestelsel en die sintuie.
 - (d) Waarneming.
 - (e) Vermoëns—intelligensie en waardigheid.
 - (f) Inleiding tot navorsingsmetodes.
3. *Personeelbestuurstechnieke A*.
 - (a) Mannekragbeplanning.
 - (b) Taakanalise,—beskrywings en -spesifikasies.
 - (c) Werwing.
 - (d) Aansoekvorms, biografiese vraelyste, onderhoude en sielkundige toetse.
 - (e) Oriënteringsopleiding.
4. Inleiding tot werkmotivering.

Kursus II

(Twee Vraestelle)

Vraestel 1.

1. *Personeelbestuurstechnieke B*.
 - (a) Opleiding, opleiding van operateurs, bestuurs-ontwikkeling.
 - (b) Merietebepaling, taakanalise en finansiële vergoeding.
 - (c) Arbeidsomset, en afwesigheid.
 - (d) Toesighouding.
2. *Menslike faktore-ingenieurswese*
 - (a) Metodestudie en werksmeting
 - (b) Fisiese werksomgewing.
 - (c) Veiligheid, veiligheidsopleiding en "totale-verlies-beheer"

Vraestel 2.

1. *Motivering en werkstevedenheid.*

- (a) Teorië van werkmotivering.
- (b) Motivering van Bantoeerkerers—studies in Suid Afrika uitgevoer.
- (c) Meting van houdings en moraal.
- (d) Taakontwerp

2. *Navorsingsmetodes.*

Hersiening van die basiese beginsels van wetenskaplike navorsing, stappe in die wetenskaplike metode, beplanning van navorsing en navorsingsprobleme in Bedryfsielkunde. Statistiese metodes.

Kursus III

Vraestel 1. *Persoonlikheidsontwikkeling en abnormale gedrag.*1. *Persoonlikheid*

- (a) Persoonlikheidsontwikkeling. Persoonlikheids-teorieë.

2. *Abnormale gedrag.*

- (a) Normaliteit en abnormaliteit.
- (b) Manifestasies en oorsake van abnormale gedrag.
- (c) Die Personeel-administrateur se rol by die diagnoseerling en behandeling van abnormale gedrag.

Vraestel 2. *Bedryfsielkundige navorsing en bemerkingsielkunde*1. *Navorsingsmetodes*

- (a) Beginsels en metodes gebruik in Sielkundige meting di. statistiese metodes, betroubaarheid en geldigheid van metingsmetodes, toetskonstruksiemetodes, metodes om persoonlikheid en sentimente te meet ens.

2. *Bemarkingsielkunde.*

- (a) Sielkundige beginsels van advertensie.
- (b) Verbruikersgedrag—(sielkundige aspekte)

Vraestel 3 *Groepsdinamika*

- (a) Formele en informele groepe, leiers en verhoudings.
- (b) Kommunikasie.
- (c) Menseverhoudings—spesiale konsepte. Vakunies. Kollektiewe bedinging.

DEPARTEMENT EKONOMIE

EKONOMIE

Kursus I

(Twee vraestelle)

Vraestel 1 : Beskrywende Ekonomie

- 1.1. Die Suid-Afrikaanse ekonomiese struktuur en sy ontwikkeling tot die huidige toestand
- 1.1. Besondere ekonomiese verskynsels en vraagstukke in Suid-Afrika.

Vraestel 2 : Inleiding tot die Teorie

- 2.1. *Algemene teorie*
 - 2.1.1. Begripsomskrywing en metodeleer
 - 2.1.2. Eenvoudige mikroteorie
 - 2.1.3. Eenvoudige makroteorie
- 2.2. *Geld- en bankwese*
 - 2.2.1. Geld ontstaan, aard-, funksies
 - 2.2.2. Bankwese
 - 2.2.3. Enkele internasionale aspekte



Kursus II

University of Fort Hare

(Twee vraestelle)
Together in Excellence

Vraestel 1 : Mikroteorie

- 1.1. Onverskilligheidskrommeteorie
- 1.2. Markvorme en produksieteorie
- 1.3. Die mikro-produksiefunksie en die vergoeding van die produksiefaktore

Vraestel 2 : Makroteorie

- 2.1. Volksrekening
- 2.2. Inkomstetorie van die Klassieke skool oor Keynes tot die Neoklassieke skool
- 2.3. Die Ekonomie van Suid-Afrika.

Kursus III

(Drie vraestelle)

- Vraestel 1 :*
- 1.1. Geld- en Bankwese
 - 1.2. Konjunktuurleer

- Vraestel 2 :*
- 2.1. Internasionale ekonomiese betrekkinge
 - 2.2. Owerheidsfinansies

Vraestel 3 : Twee van die volgende, in oorleg met die Departementshoof te kies :

- *3.1. } Groei- en ontwikkelingsteorie
- *3.2. }
- 3.3. Ekonomiese beleid en beplanning
- 3.4. Demografiese en arbeidvraagstukke

- 3.5. Ekonomiese stelsels
 - 3.6. Ontwikkeling van die ekonomiese denke
 - 3.7. Europese ekonomiese geskiedenis
- *Slegs vir studente wat *nie* Ontwikkelingsekonomie II neem nie.

ONTWIKKELINGSEKONOMIE I

(Word saam met of ná Ekonomie II geneem)

1. Inleiding en grondaspekte
 - 1.1. Begripsomsyrywing
 - 1.2. Produksiestelsels
 - 1.3. Ontwikkelingsfaktore
 - 1.4. Produksiefaktore in die ontwikkelingsproses
 - 1.5. Struktuuraspekte.
2. Inleiding tot ekonomiese beplanning en programmering.
 - 2.1. Historiese oorsig.
 - 2.2. Beplannings- en programmeringsbeginsels.
 - 2.3. Tipologie van en beplanning vir onderontwikkelde gebiede
 - 2.4. Toepassing op Suider-Afrika, die E.O.P. in breë trekke, arbeidsmigrasie, desentralisasie en Tuislandontwikkeling.

ONTWIKKELINGSEKONOMIE II

(Volg op Ekonomie I en Ontwikkelingsekonomie I)

1. Ontwikkelings- en groeiteorie
 - 1.1. Metodologiese verband tussen teorie en empirie
 - 1.2. Historiese-analitiese oorsig oor die belangrikste teorieë.
 - 1.3. Neoklassieke groeiteorie—die rol van tegnologie
 - 1.4. Ontwikkelingsfasies.
2. Ekonomiese beleidsaspekte
 - 2.1. Sektorale balansering en grondgebruik
 - 2.2. Ruimtelike ordening en streeksontwikkeling
 - 2.3. Ontwikkelingshulpverlening
 - 2.4. Arbeidsbenutting.
3. Toepassing op Suider-Afrika
 - 3.1. Tipering van die huidige toestand
 - 3.2. Die algemene ekonomiese groei en ontwikkeling—die rol van die owerheid en sy agentskappe
 - 3.3. Die ekonomiese stelsels en ontwikkeling van die Tuislande
 - 3.4. Toekomsblik.

DEPARTEMENT REKENINGWETENSAPPE

Praktiese werk

Drie ure praktiese werk per week word vir elke kursus in hierdie Departement vereis

REKENINGKUNDE

Kursus I

(Een vraestel)

- Grondbegrippe van die Rekeningkunde
- Finansiële state: samestelling, begrippe en gebruike
- Ondernemingsrekeningkunde
- Kostebegrippe en kostebestanddele
- Elementêre Teorie van Finansies
- ¹Inkomstebelastingbegrippe en belasting van individue

Kursus II

(Twee Vraestelle)

- Hersiening van, en uitbreiding op die werk van die eerste jaar
- Rekeningkundige stelsels
- Vervaardigingsrekeninge en kostebegrippe
- Vennootskapsrekeningkunde
- Maatskappyrekeningkunde
- Rekeningkundige inligting vir bestuur
- ²Belasting van individue en boerderyondernemings
- Inleiding tot Dataverwerking en Rekenaars
- Inleiding tot COBOL programmering.

Kursus III

(Twee Vraestelle)

- Hersiening van en voortbouing op werk van die tweede jaar
- Vennootskaps- en maatskappyrekeningkunde
- Rekeningkundige inligting vir bestuur.
- Speziale rekeninge en rekeningkundige prosedures
- ³Belasting op maatskappye
- Rekenaar apparatuur en programmatuur. Rekenaarlêers.
- Data-insameling en beheer. Stelselontleding en ontwerp. Elementêre COBOL programmering.

¹Ingevolge die Transkeise Belastingwet, Nr. 8 van 1969, soos gewysig, en die Wet op Bantoebelasting, Nr. 92 van 1969, van die Republiek van Suid-Afrika.

²Ingevolge die Transkeise Belastingwet, Nr. 8 van 1969, soos gewysig, die Wet op Bantoebelasting, Nr. 92 van 1969, en die Inkomstebelastingwet Nr. 58 van 1962, soos gewysig, van die Republiek van Suid-Afrika.

³Ingevolge die Inkomstebelastingwet Nr. 58 van 1962, soos gewysig, van die Republiek van Suid-Afrika.

REKENINGKUNDE VIR PROKUREURS

(Een vraestel)

Grondbegrippe van die Rekeningkunde

Finansiële state: samestelling, begrippe en gebruikte

Ondernemingsrekeningkunde

Gewone en Fidusiële Prokureursrekeninge en Finansiële state

*Inkomstebelastingbegrippe en belasting van individue.

BOEDELBEREDDERING

(Een vraestel)

Bestorwe boedels

Insolvente boedels, insluitende maatskappye.

OUKITKUNDE

(Twee vraestelle)

Basiese beginsels en prosedures



GEVORDERDE FINANSIELE REKENINGKUNDE

(Een vier-uur vraestel)

Gevorderde toepassing van beginsels in voorafgaande kursusse.

Gevorderde ontleding en vertolking van finansiële state.

Gevorderde maatskappyrekeningkundige toepassings

Spesiale rekeningkundige toepassings

GEVORDERDE BELASTING

(Een vier-uur vraestel)

Spesiale soorte belastingpligtiges en gevorderde probleme in die belasting van individuele persone of verenigings van persone en maatskappye in die Republiek van Suid-Afrika ingevolge die bepalings van die Inkomstebelastingwet, Nr. 58 van 1962, soos gewysig, die Wet op Bantoebelasting, Nr. 92 van 1969, en die Transkeise Belastingwet, Nr. 8 van 1969, soos gewysig.

GEVORDERDE BESTUURSREKENINGKUNDE

(Een vier-uur vraestel)

Gevorderde toepassing van beginsels in voorafgaande kursusse

Gevorderde finansiële beplanning en beheer

Gevorderde ontleding vir bestuursbeslissings

Rekenaartoeppassings en bestuur van dataverwerking

*Ingevolge die Transkeise Belastingwet, Nr. 8 van 1969, soos gewysig, en die Wet op Bantoebelasting, Nr. 92 van 1969, van die Republiek van Suid-Afrika.

GEVORDERDE OUDITKUNDE

(Een vier-uur vraestel)

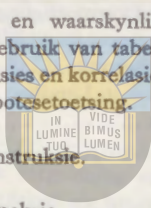
Praktiese vereistes, oorwegings en toepassings van beginsels en prosedures.

STATISTIESE METODEDES

(Hierdie kursus word aangebied deur die Departement Toegepaste Wiskunde en Statistiek, Fakulteit Natuurwetenskappe.)

(Een vraestel)

- Inleidende begrippe en definisies. Steekproeftegnieke. Metingskale. Veranderlikes.
- Beskrywende Statistiek: Klassifikasie en tabulering.
- Posisionele- en spreidingsmate.
- Lineêre regressie en korrelasie.
- Elementêre waarskynlikheidsleer en waarskynlikheidsverdelings: Die Binomiaal, Poisson en Normalverdeling: Gebruik van tabelle.
- Gemiddeldes, verhoudings, variansies en korrelasie koëffisiente: steekproefverdelings, betroubaarheidsintervalle en hipotesetoetsing.
- Verdelingsvrye hipotesetoetsing.
- Navorsingsbeplanning en toetskonstruksie.
- Indekssyfers en tydreeks.
- Kwaliteitsbeheer en steekproefinspeksie.



University of Fort Hare
Together in Excellence

Fakulteit Landbou

REGLEMENT VIR DIE FAKULTEIT LANDBOU

Die volgende fakulteitsreëls moet tesame met die voorskrifte van die Wet, die Statuut, die regulasies en die algemene reëls gelees word.

L.W.: Enige verwysing na 'n „kursus” of „kursusse” in hierdie reëls verwys na gelang van die verband na semesterkursusse of na kursusse wat oor 'n akademiese jaar strek.

GRADE IN DIE FAKULTEIT LANDBOU

Ag.1 Die volgende grade word in die Fakulteit Landbou toegeken:

Baccalaureus in Landbou	B.Agric.
Honneurs-Baccalaureus in Landbouvoorligting.....	B.Agric. Ext. (Hons.)
Magister in Landbouvoorligting.....	M.Agric. Ext.
Baccalaureus Scientiae in Landbou	B.Sc. Agric.
Honneurs-Baccalaureus Scientiae in Landbou	B.Sc. Agric. (Hons.)
Magister Scientiae in Landbou	M.Sc. Agric.
Doctor Scientiae in Landbou	D.Sc. Agric.

FAKULTEITSREËLS VIR BACCALAUREUSGRADE

Ag.2 (i) Ten einde 'n baccalaureusgraad in die Fakulteit Landbou te verwerf moet 'n student gekrediteer word met die aantal eenhede wat vir die bepaalde leergang voorgeskryf word.

(ii) Die aantal eenhede wat aan 'n kursus toegeken word stem ooreen met die aantal lesings en praktika per week per semester.

(iii) Na voltooiing van 'n kursus word 'n student gekrediteer met die aantal eenhede wat daaraan toegeken word.

(iv) Wiskunde I (10 eenhede) bestaan uit twee halwe kursusse, IA en IB (5 eenhede elk). Ten einde erkenning vir Wiskunde I te verkry moet 'n student sowel IA as IB voltooi. *L.W.*: Geen eenhede word toegeken aan Wiskunde (spesiaal) nie aangesien dit nie 'n graadkursus is nie.

Ag.3 Een van die Studierade, soos hieronder uiteengesit, adviseer die Senaat ten opsigte van die leerplan vir elke studierigting.

Ag.4 (1) Onder spesiale omstandighede kan afwykings van 'n leerplan toegelaat word onderhewig aan die goedkeuring van die Senaat op aanbeveling van die Fakulteitsraad Landbou.

(2) Die Senaat kan, op aanbeveling van die Fakulteitsraad Landbou, erkenning vir die graad verleen ten opsigte van 'n kursus wat nie in 'n besondere leergang ingesluit is nie.

Ag.5 Keusekursusse is onderhewig aan goedkeuring van die Dekaan op aanbeveling van die betrokke Studieraad.

Ag.6 Die Senaat kan 'n student toelaat om een of meer kursusse wat vir 'n bepaalde semester voorgeskryf word te neem voordat hy tot daardie semester bevorder word, mits hy aan die voorskrifte van hierdie reëls ten opsigte van voorvereistes en medeveeristes voldoen.

Eksamens

Ag.7 Eksamens word aan die einde van elke semester vir semester-kursusse gehou en aan die einde van elke jaar vir volle kursusse.

Ag.8 Ten einde 'n kursus te voltooi moet 'n student voldoen aan die bepalings wat in die algemene reëls neergelê word; die jaarpunt of semesterpunt en die eksamenpunt word in 'n gelykwaardige verhouding gekombineer.

Aanvullingseksamens

Ag.9 (i) 'n Student word nie tot 'n aanvullingseksamen in enige kursus toegelaat nie tensy hy minstens 50% behaal het in of die jaarpunt of semesterpunt of in die eksamen: Met dien verstande dat 'n student wat minder as 40% van die punte in die eksamen behaal het nie tot 'n aanvullingseksamen toegelaat sal word nie: Met verdere dien verstande dat 'n student tot 'n aanvullende eksamen toegelaat sal word indien dit die laaste uitstaande vereiste vir sy graad is.

(ii) 'n Aanvullingseksamen kan afgeneem word as skriftelike eksamen gedurende die daaropvolgende eksamentyperk of as 'n mondelinge eksamen, soos en wanneer die Fakulteitsraad Landbou bepaal.



Voorvereistes en medevereistes

Ag.10 (1) Behalwe met spesiale vergunning van die betrokke Departementshoof, word 'n student nie tot 'n kursus toegelaat nie tensy hy die voorvereistes voltooi het of terselfdertyd inskryf vir die medevereistes vir daardie kursus soos uiteengesit in die betrokke leergang.

(2) As 'n student in enige kursus wat voorvereiste vir 'n tweedesemesterkursus is, drui, word geag dat hy aan sodanige voorvereiste voldoen het as hy toegelaat word tot 'n aanvullingseksamen daarin: Met dien verstande dat hierdie toegewing slegs van toepassing sal wees totdat die vermelde aanvullingseksamen plaasvind en dat geen erkenning vir die vermelde tweedesemesterkursus verkry word nie totdat die voorvereiste kursus inderdaad voltooi word.

Aantal eenhede per semester

Ag.11 Behalwe waar 'n student minder as 10 eenhede kortkom vir die voltooiing van die graad, word hy nie toegelaat om vir minder as 10 of meer as 33 eenhede in enige semester in te skryf nie.

Bepaling van studiejaar

Ag.12 (i) 'n Student word geag in sy eerste studiejaar te wees totdat hy gekrediteer is met minstens 65% van die eenhede wat vir die eerste studiejaar voorgeskryf word.

(ii) 'n Student word geag in sy tweede studiejaar te wees totdat hy gekrediteer is met minstens 70% van die eenhede wat vir die eerste vier semesters voorgeskryf word.

(iii) 'n Student word geag in sy derde studiejaar te wees totdat hy gekrediteer is met minstens 86% van die eenhede wat vir die graad vereis word.

Praktiese werk

Ag.13 Dit kan van 'n student vereis word om sodanige tydperke gedurende vakansies soos die Fakulteitsraad Landbou bepaal te bestee aan praktiese werk onder leiding van 'n goedgekeurde persoon of aan 'n goedgekeurde inrigting.

Onderskeiding

Ag.14 Die graad kan *cum laude* toegeken word aan 'n student wat 'n algehele gemiddelde van 75% gedurende die laaste twee studiejare behaal het.

Toepassing van reëls

Ag.15 Hierdie reëls is van toepassing op alle studente wat gedurende 1975 en daarna vir Baccalaureusgrade inskryf. Studente wat voor 1975 ingeskryf het moet ook hierdie reëls volg behalwe as hulle spesiale vrystelling deur die Senaat verleen word.

DIE GRAAD BACCALAUREUS IN LANDBOU**Duurte en leergang**

Ag.17 Die leergang vir die graad strek oor minstens vier akademiese jare.

Ag.18 Die leergang is soos volg:

**STUDIERAAD VIR DIE LANDBOUPRODUKSIEWETENSKAPPE**

Jaar	Sem.	No.	Kursus	Voor- en Medevereistes	Eenhede	Totaal
I	1	—	Biologie I	—	5+1	18½
		—	Chemie I	—	5+1	
		CS 101	Landbouweerkunde en waterhuishouding	—	3+1	
		AE 101	Landbou in die Ekonomie	—	1+0	
		AE 111	Elementêre Landbouprys-teorie	—	1+½	
I	2	—	Biologie I	—	5+1	17
		—	Chemie I	—	5+1	
		MB 102	Inleiding tot Mikrobiologie	—	4+1	
II	3	AS 101	Inleiding tot die Veekunde	—	5+1	19
		SS 101	Inleiding tot Grondkunde	Chem. I	5+1	
		BC 101	Algemene Biochemie	Chem. I	6+1	
	II	4	CS 112	Inleiding tot Plantwetenskap	CS 101	5+1
AS 202			Dierevoeding	AS 101	5+1	
SS 222			Plantvoeding en Grondvrugbaarheid	SS 101	4+½	
PS 102			Weidingekologie	CS 112	3+1	

(Medevereiste)

Jaar	Sem.	No.	Kursus	Voor- en Medevereistes	Eenhede	Totaal
III	5	CS 201	Beginsels van Gewasproduksie	CS 112	5+1	21
		SF 201	Kleinveekunde	—	5+1	
		SS 211	Pedologie	—	3+1	
		PS 201	Weldingsbestuur	CS 112	4+1	
				(Medevereiste)		
.....						
	6	EN 102	Inleiding tot Landbou- Ingenieurswese	—	5+1	17½
		AH 112	Elementêre Diergesondheid	—	5+1	
		PS 222	Veldhernuwing	PS 102	2+½	
		EX 102	Inleiding tot Landbouvoor- ligting	(Medevereiste)	3+0	
					—	
.....						
IV	7	SS 311	Die beplanning van Land- gebruik	SS 211	4+1	18/21
		MB 221	Plantplaghebestuur	MB 102	4+1	
		HC 211	Grondbeginsels van Vrug- en Groenteproduksie	CS 112	5+1	
			<i>Een van die volgende :</i>			
		AS 221	Pluimveeproduksie	—	3+1	
		AE 131	Bemaking van Landbou- produkte	—	2+0	
		AS 241	Suiwelkunde	—	3+1	
		CS 121	Elementêre Besproeiing	CS 101	2+½	
		AS 301	Toegepaste Voeding	AS 202	4+1	
.....						
	8	AE 142	Boerderybestuur	—	3+1	13½
		PS 212	Voerproduksie en -bewing	PS 201	3+½	
				(Medevereiste)		
		PS 312	Projek in Bodembenutting Beplanning	—	0+2	
		EX 202	Evaluasie en Navorsing in Voorligting	EX 102	3+1	

Minimum eenhede wat vereis word : 145

DIE GRAAD BACCALAUREUS SCIENTIAE IN LANDBOU

Duurte en leergang

Ag.19 Die leergang vir die graad strek oor minstens vier akademiese jare.

Ag.20 Die leergange vir die verskillende studierigtings word hieronder aangedui.

STUDIERAAD VIR LANDBOU-EKONOMIE

Landbou-Ekonomie Leerplan

Jaar	Sem.	No.	Kursus	Voor- en Medevereistes	Eenhede	Totaal
I	1 & 2	—	Rekeningkunde I	—	12+2	
		—	Chemie I	—	10+2	
		—	Ekonomie I	—	10+0	
		—	<i>Een van die volgende</i>			
		—	Biologie I	—	10+2	
		—	Plantkunde I	—	10+2	
		—	Wiskunde I	—	10+0	
		—	Dierkunde I	—	10+2	46/48
II	3	—	Ekonomie II	Ekon. I	5+0	
		—	Statistiek I/Wiskundige Statistiek I*	—	5+1	
		AE 121	Produksie-Ekonomiese Teorie	—	3+ $\frac{1}{2}$	
		AE 131	Bemaking van Landbou- produkte	—	2+0	
		CS 101	Landbouweerkunde en waterhuishouding	—	3+1	20 $\frac{1}{2}$
					
4		—	Ekonomie II	Ekon. I	5+0	
		—	Statistiek I/Wiskundige Statistiek*	—	5+1	
		AE 142	Boerderybestuur	—	3+1	
		CS 112	Inleiding tot Plantwetenskap	CS 101	5+1	21

*'n Student wat Wiskunde I in sy eerste jaar gevolg het, neem Wiskundige Statistiek I in sy tweede jaar. Alle ander studente neem Statistiek I.

Jaar	Sem.	No.	Kursus	Voor- en Medevereistes	Eenhede	Totaal	
III	5	—	Ekonomie III	Ekon. II	6+0		
		BM 201	Meer gevorderde Biometrie I	Stat. I	5+1		
		AE 151	Natuurlike Hulpbronekonomie	—	4+0		
			<i>Een van die volgende :</i>				
		AS 101	Inleiding tot die Veekunde	—	5+1		
		CS 201	Beginsels van Gewasproduksie	CS 112	5+1		
		HC 201	Grondbeginsels van Tuinboukunde	CS 112	5+1	22	
.....							
	6	—	Ekonomie III	Ekon. II	6+0		
		BM 212	Meer gevorderde Biometrie II	Stat. I	5+1		
		AE 202	Landbou-Ontwikkeling en -beleid	AE 121	3+0		
				AE 131			
		AE 212	Landbouprysontleding	AE 131	3+ $\frac{1}{2}$		
		AG 202	Inleidende Seminaar	—	1+0	19 $\frac{1}{2}$	
.....							
IV	7	—	Koöperasie	—	2+1		
		—	Geselekteerde Kursusse in Rekenaarwetenskap	—	5		
		AE 221	Produksie-Ekonomie	AE 121	4+ $\frac{1}{2}$		
		AE 301	Inleiding tot Liniêre Programmering	Wisk. I of AE 121	1+ $\frac{1}{2}$		
			<i>Een van die volgende :</i>				
		SF 201	Kleinveekunde	—	5+1		
		CS 211	Gevorderde Gewasproduksie	CS 201	4+1		
		HC 301	Bladwisselende vrugte of Sitrusvrugte	HC 201	4+1		
		HC 311	Sitrusvrugte	HC 201	4+1	19/20	
						
	8	—	Koöperasie	—	2+1		
		—	Geselekteerde kursusse in Rekenaarwetenskap	—	5		
		AE 232	Landbouberaming in Suid-Afrika	AE 131	2+0		
		AE 312	Projek	AE 212 AE 221 AE 301	0+2		
		AE 392	Seminaar	AE 221 AE 212	1+0	13	

Minimum eenhede wat vereis word: 161

STUDIERAAD VIR LANDBOUPRODUKSIEWETENSKAPPE

Diere Produksie Leerplan

Jaar	Sem.	No.	Kursus	Voor- en Medeveeristes	Eenhede	Totaal	
I	1	—	Chemie I	—	5+1		
		—	Fisika I	—	5+1		
		—	Biologie I of Dierkunde I	—	5+1		
		CS 101	Landbouweerkunde en water-huishouding	—	3+1		
		AE 101	Landbou in die Ekonomie	—	1+0	23	
.....							
	2	—	Chemie I	—	5+1		
		—	Fisika I	—	5+1		
		—	Biologie I of Dierkunde I	—	5+1		
		MB 102	Inleiding tot Mikrobiologie	—	4+1	23	
.....							
II	3	BC 101	Algemene Biochemie	Chem. I	6+1		
		GE 101	Inleiding tot Genetika	—	4+1		
		AS 101	Inleiding tot die Veekunde	—	5+1		
		AE 111	Elementêre Landbouprys-teorie	—	1+½		
		SS 101	Inleiding tot Grondkunde	Chem. I	5+1	25½	
						
	4	BM 102	Inleiding tot Biometrie	—	5+1		
		CS 112	Inleiding tot Plantwetenskap	CS 101	5+1		
		AH 102	Anatomie en Fisiologie	—	5+1		
		PS 102	Weidingekologie	CS 112	3+1	21	
						(Medeveeriste)	
.....							
III	5	AH 201	Dieregesondheid: Nie-besmetlike siektes	AH 102	5+1		
		CS 201	Beginsels van Gewasproduksie	CS 112	5+1		
		GE 311	Biometriese Genetika	—	2+0		
		PS 201	Weidingsbestuur	CS 112	4+1		
		AE 131	Bemaking van Landbou-produkte	—	2+0	21	
						
	6	AS 202	Beginsels van Diervoeding	AS 101	5+1		
		AH 212	Dieregesondheid: Besmetlike siektes	AH 102	5+1		
		PS 212	Voerproduksie en -bewing	PS 201	3+½		
						(Medeveeriste)	
		AS 232	Diereteelt	GE 311	2+½		
AG 202	Inleidende Seminaar	—	1+0	19			

Jaar	Sem.	No.	Kursus	Voor- en Medevereistes	Eenhede	Totaal
IV	7	AS 301	Diereproduksiesisteme	AS 202	5+1	
		SF 201	Kleinveekunde	—	5+1	
		AS 221	Pluimveeproduksie	—	3+1	
		AS 391/2	Seminare	AG 202	1+0	
		AS 241	Suiwelkunde en Tegnologie	MB 102	3+1	21
.....						
8		AS 212	Vleiskunde	AS 101	4+ $\frac{1}{2}$	
		EX 102	Inleiding tot Landbouvoorligting	—	3+0	
		AS 322	Projek in Veekunde	AS 202	0+2	
		AS 332	Spesiale Onderwerpe in Veekunde	AS 202	2+0	
		SF 212	Kleinveebestuur	SF 201	3+ $\frac{1}{2}$	
		SF 222	Veselkunde	SF 201	2+ $\frac{1}{2}$	
		EN 102	Inleiding tot Landbou- Ingenieurswese	—	5+1	
		AE 142	Boerderybestuur	—	3+1	15 $\frac{1}{2}$ /17 $\frac{1}{2}$

Minimum eenhede wat vereis word: 170

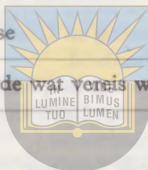
Landbouproduksiewetenskappe Leerplan

Jaar	Sem.	No.	Kursus	Voor- en Medevereistes	Eenhede	Totaal
I	1	—	Chemie I	—	5+1	
		—	Fisika I	—	5+1	
		—	Biologie I	—	5+1	
		CS 101	Landbouweerkunde en waterhuishouding	—	3+1	
		AE 101	Landbou in die Ekonomie	—	1+0	23
.....						
2		—	Chemie I	—	5+1	
		—	Fisika I	—	5+1	
		—	Biologie I	—	5+1	
		MB 102	Inleiding tot Mikrobiologie	—	4+1	23

Jaar	Sem.	No.	Kursus	Voor- en Medevereistes	Eenhede	Totaal	
II	3	BC 101	Algemene Biochemie	Chem. I	6+1		
		GE 101	Inleiding tot Genetika	—	4+1		
		AS 101	Inleiding tot die Veekunde	—	5+1		
		AE 111	Elementêre Landbouprys- teorie	—	1+ $\frac{1}{2}$		
		SS 101	Inleiding tot Grondkunde	Chem. I	5+1		25 $\frac{1}{2}$
	4	BM 102	Inleiding tot Biometrie	—	5+1	22	
		CS 112	Inleiding tot Plantwetenskap	CS 101	5+1		
		AH 102	Anatomie en Fisiologie	—	5+1		
		PS 102	Weidingekologie	CS 112	3+1		
					(Medevereiste)		
III	5	CS 201	Beginsels van Gewasproduksie	CS 112	5+1		
		PS 201	Weidingsbestuur	CS 112	4+1		
		SS 211	Pedologie	—	3+1		
		HC 201	Grondbeginsels van Tuin- boukunde	CS 112	5+1		
		AE 131	Bemaking van Landbou- produkte	—	2+0		23
	6	AS 202	Dierevoeding	AS 101	5+1		
		AH 212	Dieregesondheid	AH 102	5+1		
		EN 102	Inleiding tot Landbou- Ingenieurswese	—	5+1		
		SS 222	Plantvoeding en Grond- vrugbaarheid	SS 101	4+ $\frac{1}{2}$		
		AG 202	Inleidende Seminaar	—	1+0		23 $\frac{1}{2}$
IV	7	SS 311	Die beplanning van Land- gebruik	SS 211	4+1		
		SF 201	Kleinveekunde	—	5+1		
		MB 221	Plantplaagbeheer	MB 102	4+1		
		AS 391	of CS 391 of SS 391 Seminaarwerk	—	1+0		
				<i>Minstens vyf eenhede van die volgende :</i>			
			HC 301	Bladwisselende Vrugte	HC 201	4+1	22-25
			HC 311	Sitrusvrugte	HC 201	4+1	
			PS 231	Gevorderde Weidingsbestuur	PS 201	4+1	
			CS 211	Gevorderde Gewasproduksie	CS 201	4+1	
		AS 301	Toegepaste Voeding	AS 202	4+1		
		AS 241	Suiwelkunde	—	3+1		
		AS 221	Pluimveeproduksie	—	3+1		

Jaar	Sem.	No.	Kursus	Voor- en Medeveeristes	Eenhede	Totaal
8	EX 102		Inleiding tot Landbouvoorigting	—	3+0	
	PS 312		Projek in Bodembenutting Beplanning	—	0+2	
	PS 222		Veldhernuwing	PS 102 (Medeveeriste)	2+½	
			<i>Twee van die volgende :</i>			
	CS 222		Beginsels van Besproeiing	CS 112	5+1	
	AE 142		Boerderybestuur	—	3+1	
	AS 212		Vleiskunde	AS 101	4+½	
	PS 212		Voerproduksie en -bewing	PS 201	3+½	
	HC 322		Groentegewasse	HC 201	4+1	15/18½

Minimum eenhede wat vereis word: 177



University of Fort Hare
Plantproduksiewetenskappe Leerplan
Together in Excellence
 Gewaskunde en Tuinbou Leergang

Jaar	Sem.	No.	Kursus	Voor- en Medeveeristes	Eenhede	Totaal
I	1	—	Chemie I	—	5+1	
		—	Fisika I	—	5+1	
		—	Biologie I of Plantkunde I	—	5+1	
		CS 101	Landbouweerkunde en waterhuishouding	—	3+1	
		AE 101	Landbou in die Ekonomie	—	1+0	23
I	2	—	Chemie I	—	5+1	
		—	Fisika I	—	5+1	
		—	Biologie I of Plantkunde I	—	5+1	
		MB 102	Inleiding tot Mikrobiologie	—	4+1	23
II	3	BC 101	Algemene Biochemie	Chem. I	6+1	
		GE 101	Inleiding tot Genetika	—	4+1	
		AS 101	Inleiding tot die Veekunde	—	5+1	
		AE 111	Elementêre Landbouprysteorie	—	1+½	
		SS 101	Inleiding tot Grondkunde	Chem. I	5+1	25½

Jaar	Sem.	No.	Kursus	Voor- en Medevereistes	Eenhede	Totaal
4	BM	102	Inleiding tot Biometrie	—	5+1	
	CS	112	Inleiding tot Plantwetenskap	CS 101	5+1	
	AH	102	Anatomie en Fisiologie	—	5+1	
	PS	102	Weidingekologie	CS 112	3+1	22
(Medevereiste)						
III	5	CS 201	Beginsels van Gewasproduksie.	CS 112	5+1	
		HC 201	Grondbeginsels van Tuinboukunde.	CS 112	5+1	
		MB 221	Plantplaagbeheer.	MB 102	4+1	
		SS 211	Pedologie.	—	3+1	
		AE 131	Bemaking van Landbouprodukte.	—	2+0	23
6	SS 222	Plantvoeding en Grondvrugbaarheid.	SS 101	4+½		
	CS 222	Beginsels van Besproeiing.	CS 112	5+1		
	EN 102	Inleiding tot Landbou-Ingenieurswese.	—	5+1		
	AG 202	Inleidende Seminaar.	—	1+0		
	HC 332	Sub-tropiese vrugte	HC 201	4+1		
	GE 212	Planteteelt	GE 101	2+½		
	PS 222	Veldhernuwing. (Medevereiste)	PS 102	2+½		
	AE 142	Boerderybestuur.	—	3+1	22½/24	
IV	7	SS 311	Die beplanning van Landgebruik.	SS 211	4+1	
		HC 391	Seminaar.	HC 201	1+0	
		CS 391	Seminaar.	—	1+0	
		CS 211	Gevorderde Gewasproduksie.	CS 201	4+1	
		HC 341	Tuinbouprojek.	HC 201	0+1	
		HC 301	Bladwisselende vrugte.	HC 201	4+1	
		HC 311	Sitrusvrugte.	HC 201	4+1	23
8	PS 312	Projek in Bodembenutting Bepanning.	—	0+2		
	EX 102	Inleiding tot Landbouvoorsligting.	—	3+0		
	HC 322	Groentegewasse.	HC 201	4+1		
	HC 342	Tuinbouprojek.	HC 201	0+1		
	HC 352	Spesiale Onderwerpe in Tuinboukunde.	HC 322 HC 301 of HC 311 of HC 332	2+½		
	CS 302	Spesiale onderwerpe in Gewaswetenskap.	CS 211	2+½	16	

Minimum eenhede benodig: 176

Plantproduksiewetenskappe Leerplan

Gewaskunde en Weidingsleer Leergang

Jaar	Sem.	No.	Kursus	Voor- en Medevereistes	Eenhede	Totaal	
I	1	—	Chemie I	—	5+1		
		—	Fisika I	—	5+1		
		—	Biologie I of Plantkunde I	—	5+1		
		CS 101	Landbouweerkunde en water-huishouding	—	3+1		
		AE 101	Landbou in die Ekonomie	—	1+0	23	
.....							
	2	—	Chemie I	—	5+1		
		—	Fisika I	—	5+1		
		—	Biologie I of Plantkunde I	—	5+1		
		MB 102	Inleiding tot Mikrobiologie	—	4+1	23	
.....							
II	3	BC 101	Algemene Biochemie	Chem. I	6+1		
		GE 101	Inleiding tot Genetika	—	4+1		
		AS 101	Inleiding tot die Veekunde	—	5+1		
		AE 111	Elementêre Landbouprystorie	—	1+½		
		SS 101	Inleiding tot Grondkunde	Chem. I	5+1	25½	
						
		4	BM 102	Inleiding tot Biometrie	—	5+1	
			CS 112	Inleiding tot Plantwetenskap	CS 101	5+1	
			AH 102	Anatomie en Fisiologie	—	5+1	
			PS 102	Weidingekologie	CS 112	3+1	22
					(Medevereiste)		
.....							
III	5	CS 201	Beginsels van Gewasproduksie.	CS 112	5+1		
		PS 201	Weidingsbestuur.	CS 112	4+1		
		SS 211	Pedologie	—	3+1		
		HC 211	Grondbeginsels van Vrugte-en Groenteproduksie.	CS 112	5+1		
		AE 131	Bemaking van Landbouproduksie.	—	2+0	23	
						
		6	SS 222	Plantvoeding en Grondvrugbaarheid.	SS 101	4+½	
			CS 222	Beginsels van Besproeiing.	CS 112	5+1	
			EN 102	Inleiding tot Landbou-Ingenieurswese.	—	5+1	
			AG 202	Inleidende Seminaar.	—	1+0	
PS 212			Voerproduksie en -bewing. (Medevereiste)	PS 201	3+½		
GE 212	Planteteelt	—	2+½	23½			

Jaar	Sem.	No.	Kursus	Voor- en Medevereistes	Eenhede	Totaal
IV	7	SS 311	Die beplanning van Landgebruik.	SS 211	4+1	
		MB 221	Plantplaagbeheer.	MB 102	4+1	
		CS 391	Seminaar.	—	1+0	
		PS 231	Gevorderde Weidingsbestuur.	PS 201	4+1	
		CS 211	Gevorderde Gewasproduksie.	CS 201	4+1	21
.....						
8		PS 312	Projek in Bodembenutting Beplanning.	—	0+2	
		EX 102	Inleiding tot Landbouvoorligting.	—	3+0	
		PS 222	Veldhernuwing.	PS 102	2+½	
		CS 302	Spesiale onderwerpe in Gewaswetenskap.	CS 211	2+½	
		PS 302	Voorgeskrewe onderwerpe in Weidingkunde.	PS 102	2+½	12½

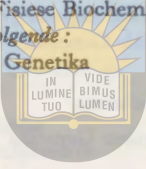
Minimum eenhede benodig: 173½

University of Fort Hare
Together in Excellence

STUDIERAAD VIR FUNDAMENTELE LANDBOUWETENSKAPPE

Biologiese Wetenskappe Leerplan

Jaar	Sem.	No.	Kursus	Voor- en Medevereistes	Eenhede	Totaal	
1	1 & 2	—	Chemie I	—	10+2		
		—	Wiskunde I	—	10+0		
		—	Fisika I	—	10+2		
		<i>Een van die volgende :</i>					
		—	Biologie I	—	10+2		
		—	Plantkunde I	—	10+2		
		—	Dierkunde I	—	10+2	46	
II	3	—	Chemie II	Chem. I	6+2		
		BC 201	Inleidende Biochemie	Chem. I	4+1		
		<i>Een van die volgende :</i>					
		GE 101	Inleiding tot Genetika of	—	4+1		
		AS 101	Inleiding tot die Veekunde	—	5+1	18/19	

No.	Kursus	Voor- vereistes	Eenhede
4	—	Chemie II	Chem. I 6+2
BC 212	Kataboliese Metabolisme	BC 201	4+1
	<i>Een van die volgende :</i>		
MB 102	Inleiding tot Mikrobiologie		4+1
	<i>of</i>		
AH 102	Anatomie en Fisiologie	AS 101	5+1 18/19
<hr/>			
III	5	—	Chemie III Chem. II 6+2
BC 221	Anaboliese Metabolisme	BC 212	4+1
BC 231	Inleiding tot Fisiese Biochemie	Chem. I	2+1
	<i>Een van die volgende :</i>		
GE 111	Beginsels van Genetika	GE 101	2+1
	<i>of</i>		
MB 111	Mikologie		4+1
	<i>of</i>		
AS 241	Suiwelkunde	AH 102	3+1 19/20/21
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<hr/>			
6	—	Chemie III	Chem. II 6+2
BC 242	Fisiese Biochemie	BC 231	2+1
	<i>Een van die volgende groepe :</i>		
GE 222	Planteteelt	GE 101	2+ $\frac{1}{2}$
	<i>of</i>		
MB 232	Plantvirologie	MB 102	2+1
MB 212	Grondmikrobiologie	MB 102	3+1
	<i>of</i>		
AS 202	Dierevoeding	AS 241	5+1
MB 102	Inleiding tot Mikrobiologie	—	4+1 13 $\frac{1}{2}$ /18/22
<hr/>			
IV	7	—	Keusevakke — 6
		<i>Een van die volgende groepe :</i>	
BC 321	Inleiding tot Mikrobiologiese Biochemie	BC 242	2+1
GE 201	Populasie Genetika	GE 101	4+1
GE 301	Sitologie	GE 101	2+1
GE 311	Biometriese Genetika	GE 101	2+0
	<i>of</i>		
BC 321	Inleiding tot Mikrobiologiese Biochemie	BC 242	2+1

Jaar	Sem.	No.	Kursus	Voor- en Medevereistes	Eenhede	Totaal
		MB 301	Bakteriese Fisiologie	} MB 102 & BC 221	2+1	
		MB 201	Serologie en Immunologie of			1+½
		AE 301	Inleiding tot Linière Pro- grammering	Wisk. I	1+½	
		BC 311	Voedingsbiochemie	BC 242		
				of BC 101	2+1	
		AS 301	Toegepaste Voeding	AS 202	4+1	13½/15½/19
.....						
8		BC 392	Seminaar	—	1+0	
		BC 352	Gevorderde Biochemiese teg- nieke	BC 242	2+1	
			<i>Een van die volgende groepe:</i>			
		GE 322	Mikrobiële Genetika	GE 101	4+2	
				MB 102		
		BC 342	Plantbiochemie	BC 242	2+1	
		BC 362	Biochemiese Genetika of	BC 242	2+1	
		GE 322	Mikrobiële Genetika	GE 311	4+2	
				of MB 301		
		MB 312	Industriële Mikrobiologie	MB 301	3+1	
		BC 332	Mikrobiologiese Biochemie of	BC 321	2+1	
		BC 302	Fisiologiese Chemie	BC 242	4+1	
		AS 312	Gevorderde Voedingsleer	AS 301	5+1	

Minimum eenhede wat vereis word: Genetika 149½; Mikrobiologie 151½; Dierkunde 156½

Grondkunde Leerplan

Jaar	Sem.	No.	Kursus	Voor- en Medevereistes	Eenhede	Totaal
I	1 & 2	—	Chemie I	—	10+2	
		—	Biologie I/Plantkunde I	—	10+2	
		—	Fisika I	—	10+2	
		—	Wiskunde I/Statistiek I	—	10+0	48
II	3	SS 101	Inleiding tot Grondkunde	Chem. I	5+1	
		CS 101	Landbouweerkunde en water- huishouding	—	3+1	
		—	Geologie I	—	5+1	
		—	Aardrykskunde I	—	5+1	21

.....

Jaar	Sem.	No.	Kursus	Voor- en Medevereistes	Eenhede	Totaal	
4	CS	112	Inleiding tot Plantwetenskap	CS 101	5+1	22	
			Geologie I	—	5+1		
			Aardrykskunde I	—	5+1		
	MB 102	Inleiding tot Mikrobiologie	—	4+1			
III	5	SS 211	Pedologie	—	3+1	16½	
			Chemie II (Geselekteerde kursusse)	Chem. I	4+1½		
			Aardrykskunde II (Geselekteerde kursusse, nl. Geomorfologie)	Geog. I	2+1		
			AE 151	Natuurlike Hulpbronekonomie	—		4+0
			6	MB 212	Grondmikrobiologie		MB 102
SS 222	Plantvoeding en Grondvrugbaarheid	SS 101	4+½				
AG 202	—	—	Inleidende Seminaar	—	1+0	18	
			Chemie II (Geselekteerde kursusse)	Chem. I	4+1½		
			Aardrykskunde II (Geselekteerde kursusse, nl. Geomorfologie)	Geog. I	2+1		
			IV	7	SS 301		Grondchemie
SS 391	Seminaarwerk	—	1+0				
CS 201	Beginsels van Gewasproduksie	CS 112	5+1				
	Aardrykskunde III (Geselekteerde kursusse, nl. Geomorfologie)	—	1½+1				
SS 311	Die beplanning van Landgebruik	SS 211	4+1				
8	SS	322	Grondfisika	SS 101	3+1	18½	
			SS 202	Chemiese ontleding van Grond, Plantmateriaal en Water	SS 101		1+2
			SS 392	Seminaarwerk	—		1+0
			CS 222	Beginsels van Besproeiing	CS 112		5+1
				Aardrykskunde III (Geselekteerde kursusse, nl. Geomorfologie)	—		1½+1
			PS 312	Projek in Bodembenutting Beplanning	—		0+2

Minimum eenhede wat vereis word: 163½

DIE GRAAD BACCALAUREUS IN LANDBOUVOORLIGTING (HONNEURS)

(Verwys ook na die Statuut en die algemene reëls vir honneurs-baccalaureusgrade.)

Toelating

Ag.21 Niemand word as kandidaat vir die graad toegelaat nie tensy hy tot die graad Baccalaureus in Landbou of die graad Baccalaureus Scientiae in Landbou van die Universiteit of tot die status van een van hierdie grade toegelaat is: Met dien verstande dat met spesiale vergunning van die Senaat 'n houer van enige ander Baccalaureusgraad toegelaat kan word.

Studieprogram

Ag.22 'n Kandidaat woon by en voltooi 'n studieprogram en kursusse in landbouvoorigting soos deur die Senaat goedgekeur op aanbeveling van die Fakulteitsraad Landbou.

Eksamens en Slaagpunt

Soos vir die graad Baccalaureus Scientiae in Landbou (Honneurs).

DIE GRAAD MAGISTER IN LANDBOUVOORLIGTING

(Verwys ook na die Statuut en algemene reëls vir die honneurs baccalaureusgrade.)

Toelating

Ag.23 Niemand word toegelaat as kandidaat vir die graad nie tensy hy die graad Baccalaureus in Landbouvoorigting (Honneurs) van die Universiteit verwerf het. Kyk reëls vir die graad Magister Scientiae in Landbou.

DIE GRAAD BACCALAUREUS SCIENTIAE IN LANDBOU (HONNEURS)

(Verwys ook na die Statuut en die algemene reëls vir honneurs-baccalaureusgrade.)

Vakke

Ag.25 Die graad kan in enigeen van die volgende vakke verwerf word:

Biochemie	Mikrobiologie
Genetika	Plantfisiologie
Gewaskunde	Tuinbou
Grondkunde	Veekunde
Landbou-ekonomie	Weidingsleer

Eksamens en slaagpunt

Ag.26 Die eksamen bestaan uit minstens vier en hoogstens ses vraestelle insluitende mondelinge en praktiese vraestelle. Die aantal mondelinge vraestelle sal nie dié van die geskrewe vraestelle oorskry nie.

Subminimum

Ag.27 Vir elke vraestel is daar 'n subminimum van 40%.

Onderskeiding

Ag.28 Die graad word *cum laude* toegeken aan 'n kandidaat wat 'n gemiddelde eksamenpunt van minstens 75% behaal het.

DIE GRAAD MAGISTER SCIENTIAE IN LANDBOU

(Verwys ook na die Statuut en algemene reëls vir magistergrade.)

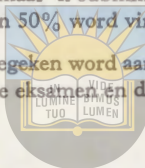
Ag.29 Niemand word as kandidaat vir die graad toegelaat nie tensy hy tot die graad Baccalaureus Scientiae in Landbou (Honneurs) van die Universiteit of tot die status daarvan toegelaat is nie, en die Senaat tevrede gestel het wat betref sy kwalifikasies in die vak waarin hy sy voorgenome studiekursus wil aflê.

Ag.30 Die graad kan verwerf word in enigeen van die vakke waarin die honneursgraad verwerf kan word.

Ag.31 'n Kandidaat dien 'n verhandeling in en meld hom ook aan vir sodanige eksamen soos die Senaat op aanbeveling van die Fakulteitsraad Landbou bepaal

Ag.32 Die minimum slaagpunt vir die graad is 'n gemiddelde van 50% vir die eksamen en verhandeling gesamentlik, maar 'n subminimum van 40% word vereis vir elke vraagstuk in die eksamen en 'n syfer van 50% word vir die verhandeling vereis.

Ag.33 Die graad kan *cum laude* toegeken word aan 'n kandidaat wat 'n gekombineerde syfer van minstens 75% behaal vir die eksamen en die verhandeling.



DIE GRAAD DOCTOR SCIENTIAE IN LANDBOU

(Verwys ook na die Statuut en algemene reëls vir doktorsgrade.)

Ag.34 Dit word van 'n kandidaat vir die graad vereis dat hy 'n goedgekeurde studieprojek en navorsing in 'n vak wat met die landbouwetenskap in verband staan moet onderneem.

FAKULTEIT LANDBOU: LYS VAN SEMESTER KURSUSSE

No.	Kursus	Voorvereistes	Eenhede
Departement: Agronomie			
<i>Gewaskunde</i>			
CS 101	Landbouweerkunde en waterhuishouding	—	3+1
CS 112	Inleiding tot Plantwetenskap	CS 101	5+1
CS 121	Elementêre Besproeiing	CS 101	2+½
CS 201	Beginsels van Gewasproduksie	CS 112	5+1
CS 211	Gevorderde Gewasproduksie	CS 201	4+1
CS 222	Beginsels van Besproeiing	CS 112	5+1
CS 302	Spesiale onderwerpe in Gewaswetenskap	CS 211	2+½
		BM 102	
CS 391	Seminaar	—	1+0
CS 392	Seminaar	—	1+0

No.	Kursus	Voorvereistes	Eenhede
<i>Sub-departement : Weidingsleer</i>			
PS 102	Weidingekologie (Medevereiste)	CS 112	3+1
PS 201	Weidingsbestuur (Medevereiste)	CS 112	4+1
PS 212	Voerproduksie en -bewing (Medevereiste)	PS 201	3+ $\frac{1}{2}$
PS 222	Veldhernuwing (Medevereiste)	PS 102	2+ $\frac{1}{2}$
PS 231	Gevorderde Weidingsbestuur	PS 201	4+1
PS 302	Voorgeskrewe onderwerpe in Weidingkunde	PS 102	2+ $\frac{1}{2}$
PS 312	Projek in Bodembenutting Beplanning	—	0+2
<i>Sub-departement : Tuinbou</i>			
HC 201	Grondbeginsels van Tuinboukunde	CS 112	5+1
HC 211	Grondbeginsels van Vrugte- en Groenteproduksie	CS 112	5+1
HC 301	Bladwisselende vrugte	HC 201	4+1
HC 311	Sitrusvrugte	HC 201	4+1
HC 322	Groentegewasse	HC 201	4+1
HC 332	Sub-tropiese vrugte	HC 201	4+1
HC 341	Tuinbouprojek	HC 201	0+1
HC 342	Tuinbouprojek	HC 201	0+1
HC 352	Spesiale Onderwerpe in Tuinboukunde	HC 322	2+ $\frac{1}{2}$
		(medevereiste)	
		of HC 301	
		of HC 311	
		of HC 322	
HC 391/392	Seminaar	HC 201	1+0
		of HC 211	
Departement Grondkunde			
<i>Gewaskunde</i>			
SS 101	Inleiding tot Grondkunde	Chem. I	5+1
SS 202	Chemiese ontleding van Grond, Plantmateriaal en Water	SS 101	1+2
SS 211	Pedologie	—	3+1
SS 222	Plantvoeding en Grondvrugbaarheid	SS 101	4+ $\frac{1}{2}$
SS 301	Grondchemie	SS 101	4+1
SS 311	Die beplanning van Landgebruik	SS 211	4+1
SS 322	Grondfisika	SS 101	3+1
SS 391	Seminaarwerk	—	1+0
SS 392	Seminaarwerk	—	1+0
Departement Landbou Biologiese Wetenskappe			
<i>Sub-Departement Biochemie</i>			
BC 101	Algemene Biochemie	—	Chem. I 6+1
BC 201	Inleidende Biochemie	—	Chem. I 4+1
BC 212	Kataboliese Metabolisme	BC 201	4+1
BC 221	Anaboliese Metabolisme	BC 212	4+1



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No.	Kursus	Voorvereistes	Benhede
BC 231	Inleiding tot Fisiese Biochemie	Chem. I	2+1
BC 242	Fisiese Biochemie	BC 231	2+1
BC 302	Fisiologiese Chemie	BC 242	4+1
BC 311	Voedingsbiochemie	BC 242	2+1
BC 321	Inleiding tot Mikrobiologiese Biochemie	of BC 101 BC 242	2+1
BC 332	Mikrobiologiese Biochemie	BC 321	2+1
BC 342	Plantbiochemie	BC 242	2+1
BC 352	Gevorderde Biochemiese Tegnieke	BC 242	2+1
BC 362	Biochemiese Genetika	BC 242	2+1
Sub-departement : Genetika			
GE 101	Inleiding tot Genetika	—	4+1
GE 111	Beginsels van Genetika	GE 101	2+1
GE 201	Populasie Genetika	GE 101	4+1
GE 222	Planteteelt	GE 101	2+ $\frac{1}{2}$
GE 301	Sitologie	—	2+1
GE 311	Biometriese Genetika	—	2+0
GE 322	Mikrobiale Genetika	GE 101 MB 102	4+2
Sub-departement Mikrobiologie			
MB 102	Inleiding tot Mikrobiologie	—	4+1
MB 111	Mikologie	—	4+1
MB 201	Serologie en Immunologie	MB 102 BC —	1+ $\frac{1}{2}$
MB 212	Grondmikrobiologie	MB 102	3+1
MB 221	Plantplaagbeheer	MB 102	4+1
MB 232	Plantvirologie	MB 102	2+1
MB 301	Bakteriese Fisiologie	MB 102 BC —	2+1
MB 312	Industriële Mikrobiologie	MB 111 MB 301	3+1
Departement: Veekunde			
AS 101	Inleiding tot die Veekunde	—	5+1
AS 202	Beginsels van Dierievoeding	AS 101	5+1
AS 212	Vleiskunde	AS 101	4+ $\frac{1}{2}$
AS 221	Pluimveeproduksie	—	3+1
AS 232	Diereteelt	GE 311	2+ $\frac{1}{2}$
AS 241	Suiwelkunde	MB 102	3+1
AS 301	Diereproduksiesisteme	AS 202	5+1
AS 312	Gevorderde Voedingsleer	AS 301	5+1
AS 322	Projek in Veekunde	AS 202	0+2
AS 332	Spesiale Onderwerpe in Veekunde	AS 202	2+0
AS 391	Seminaar	AG 202	1+0
AS 392	Seminaar	—	1+0



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No.	Kursus	Voorvereistes	Eenhede
Sub-departement : Dieregesondheid			
AH 102	Anatomie en Fisiologie	—	5+1
AH 112	Elementêre Dieregesondheid	—	5+1
AH 201	Dieregesondheid: Nie-besmetlike siektes	AH 102	5+1
AH 212	Dieregesondheid: Besmetlike siektes	AH 102	5+1
Sub-departement : Kleinvee- en Veselkunde			
SF 201	Kleinveekunde	—	5+1
SF 212	Kleinveebestuur	SF 201	3+ $\frac{1}{2}$
SF 222	Veselkunde	SF 201	2+ $\frac{1}{2}$
Departement: Landbou-Ekonomie			
AE 101	Landbou in die Ekonomie	—	1+0
AE 111	Elementêre Landbouprysteorie	—	1+ $\frac{1}{2}$
AE 121	Produksie-Ekonomiese Teorie	—	3+ $\frac{1}{2}$
AE 131	Bemaking van Landbouprodukte	—	2+0
AE 142	Boerderybestuur	—	3+1
AE 151	Natuurlike Hulpbronekonomie	—	4+0
AE 202	Landbou-Ontwikkeling en -beleid	AE 121	3+0
AE 212	Landbouprysondefining	AE 131	3+ $\frac{1}{2}$
AE 221	Produksie-ekonomie	AE 121	4+ $\frac{1}{2}$
AE 232	Landboubemaking in Suid-Afrika	AE 131	2+0
AE 301	Inleiding tot Liniêre Programmering	AE 121 of Wisk I	1+ $\frac{1}{2}$
AE 312	Projek	AE 221	0+2
		AE 212	
		AE 301	
AE 391/392	Seminaar	AE 221	1+0
		AE 212	
Departement: Landbou-ingenieurswese			
EN 102	Inleiding tot Landbou-Ingenieurswese	—	5+1
Addisionele Kursusse			
AG 202	Inleidende Seminaar	—	1+0
BM 102	Inleiding tot Biometrie	—	5+1
BM 201	Meer gevorderde Biometrie I	—	5+1
BM 212	Meer gevorderde Biometrie II	—	5+1
EX 102	Inleiding tot Landbouvoorligting	—	3+1
EX 202	Evaluasie en Navorsing in Voorligting	EX 102	3+0

LEERPLANNE

GEWASKUNDE

CS 101 Landbouweerkunde en Waterhuishouding (3+1)

Klimaat as beperkende faktor in Suid-Afrikaanse landbou. 'n Studie van die metodologie van Klimatologiese opnames vir die beplanning van landboukundige bodembenuutting: humiditeit; reenval; temperatuur; straling; verdamping; integrering van klimatologiese gegewens. Die water faktor in Suid-Afrikaanse landbou. Nasionale waterhulpbronne; woestynindringing. Evapotranspirasie: Omgewings- en plantfaktore wat die tempo van evapotranspirasie bepaal. Invoed van watertekort op plante: Sel volume en groei; respirasie; fotosintese; opeenvolgende siklusse van benatting en droging; minerale voeding; interaksie tussen water en minerale voeding; droogtebestandheid; droogteverharding; landboukundige toepassing van droogtebestandheidsmeeganismes. Doeltreffendheid van waterverbruik; relatiewe waterverbruik van gewasse; landboukundige toepassing van metodes om die doeltreffendheid van waterverbruik te verhoog; waterbegrouting.

(Drie lesure en een praktikum per week)
(Voorvereistes: —)

Praktika

Installering en instandhouding van weerkundige apparaat; weerkundige lesings; natuurlike plantegroei as indeks van klimaat; die rol van meteorologiese gegewens vir grondbenuttingsbeplanning. Klimaat van die swart gebiede; dierklimatologie; anatomiese en fisiologiese studies van droogtebestandheid in akkergewasse; waterbegrouting en akkergewasstelsels.

(Drie lesure en een praktikum per week).

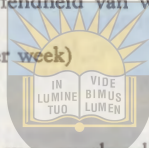
CS 112 Inleiding tot Plantwetenskap (5+1)

Voedingsvereistes van die mens: Wêreld voedselvoorraad en -bevolkingsaanwas; komponente van voeding; voedselkettings; voedingsgebreke en tekorte onder die landelike Swartman; die rol van die landboukundige in die verligting van voedingstekorte. Oorsprong, klassifikasie en vaktaal van ekonomiese plante. Klassifikasie van die Gramineae. Morfologie: Struktuur van ekonomiese plante met betrekking tot bestuurspraktyke. Groei en ontwikkeling: Onderlinge verhoudings van groeiprosesse; allometriese groei; groeireaksies in plantgemeenskappe teenoor die van geïsoleerde plante; opbrengskriterium m.b.t. die bestuur van akkergewasse; groei en ontwikkeling van vrugte en grasse. Voortplanting: Saadvoortplanting; kiemkragtigheid; hardskaligheid; saadtegnologie; ongeslagtelike voortplanting. Toegepaste plantwetenskap: Optimale bodembenuutting; beginsels van grond en veldbewing; akkergewassisteme en rusoesstelsels; grondbewerking en onkruidbeheer. Elementêre tuinbou; keuse van boordterrein; beginsels van snoei. Elementêre weidingsbestuur: beginsels van beweiding; weidingsbestuurpraktyk.

Praktika

Studie van die morfologie van die Gramineae en enkele akkergewasse. Oefening met katoerboerdery. Praktiese demonstrasie van weidingsbestuurpraktyke. Studie van snoei en metodes van voortplanting,

(Vyf lesure en een praktikum per week)
(Voorvereistes: CS 101)



CS 121 Elementêre Besproeiing (2+ $\frac{1}{2}$)

Inleiding: Die belang van besproeiing in Suid-Afrikaanse landbou; tipes besproeiing. Die grond- plant- atmosfeer sisteem: Die dinamiese aard van die sisteem; die faktore wat 'n daling in die produktiwiteit van besproeide gronde veroorsaak. Beplanning: Sosio-ekonomiese en fisiese faktore betrokke in die beplanning van 'n besproeiingskema. Voorstelling van besproeiings-behoefes: Skedulering van besproeiing met behulp van elementêre riglyne van plant, grond en klimaat. Veldtoediening van water: Besproeiingsmetodes; seleksie, toepassing en ontwikkeling van oppervlakte en oorhoofse besproeiing-stelsels. Dreinerings.

Praktika

Praktiese metodes vir die bepaling van waterbehoefte en besproeiingspotensiaal van gronde; beplanning en toepassing van besproeiingstelsels.

(Twee lesure en een halwe praktikum per week)

(Voorvereistes: CS 101)

CS 201 Beginsels van Gewasproduksie (5+1)

Agronomie as integrerende wetenskap. Die morfologie, fisiologie en bestuurpraktike van mielies, sorghum, koring, aartappels, suikerriet en bone.

Praktika

Die anatomie en ontogenie van akkergewasse; bepaling van potensiele opbrengs en opbrengsmikpunt; hittebegroting; plaasmasjienerie in akkergewasproduksie; beginsels van graanradiering.

(Vyf lesure en een praktikum per week)

(Voorvereistes: CS 112)

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CS 211 Gevorderde Gewasproduksie (4+1)

Die produksie van gespesialiseerde gewasse: Morfologie, fisiologie, kwaliteit en opbrengs-kriterium met verwysing na die produksie van tabak en veselgewasse; gespesialiseerde verbouing- en prosesseringspraktike. Rusoesboerdery: Beginsels van wisselbou en wisselboupraktike. Gewasfisiologie: gewasfisiologiese en -ekologiese beginsels as basis van akkergewasbestuur.

Praktika

Studie van die morfologie van die tabak- en katoenplant; beginsels van tabakdroging; beginsels van plantveseltegnologie. 'n Vergelyking van die fisiologie en morfologie van enkele gewasse met betrekking tot die invloed van opmerkbare verskille op akkergewasproduksiepraktike. Oefening in die integrering van akkergewasstelsels en die uitvoering van wisselboustelsels.

(Vier lesure en een praktikum per week)

(Voorvereistes: CS 201)

CS 222 Beginsels van Besproeiing (5+1)

Inleiding: Besproeiingsgebiede van die wêreld; produktiwiteit en waarde van besproeiingsgronde; die belangrikheid en omvang van besproeiing in Suid-Afrika. Die grond-plant-atmosfeer sisteem: Die dinamiese aard van die sisteem; wisselwerking tussen grond, klimaat en plantfaktore; evapotranspirasie en energiebalansbegrippe; gewas- en grondfaktore; handhawing van die produktiwiteit van besproeide gronde; toeganklikheid van grondwater; logingsvereiste; brakformasie; kwaliteit van besproeiingswater; Be-

planning: Die keuse van besproeibare grond met verwysing na sosiologiese, ekonomiese en fisiese faktore. Voorspelling van besproeiingsbehoefte: Toepassing van energiebalansbegrippe, empiriese en fisiese metodes; praktiese oorwegings vir die regulering van besproeiing. Veldtoediening van water: Doeltreffendheid van besproeiing; ontwerp, toepassing en evaluering van oppervlakte- en oorhoofse besproeiing. Dreinerings- Soutbalansbegrip; ontwerp van dreinerings-sisteme.

Praktika

Praktiese metodes vir bepaling van plantwaterbehoefte; meting van watervloei; waterbegroting; evaluering van die doeltreffendheid van oorhoofse- en oppervlaktebesproeiingsstelsels op die land; bepaling van infiltrasiekapasiteit; die besproeiingspotensiaal van gronde; kwaliteit van water; beplanning van 'n besproeiingskema.

(Vyf lesure en een praktikum per week)

(Voorvereistes: CS 112)

CS 302 Spesiale Onderwerpe in Gewaswetenskap (2+½)

Ekperimentele tegnieke: Die veldproef met verwysing na seleksie van gronde, eksperimentele materiaal, perseelgrootte, monstergrootte; wat om te meet; bepalings op die lewende plant; verdeling van die plant; oes van eksperimentele materiaal; eksperimente in gekontroleerde omgewings; poteksperimente; biometrie in agronomiese navorsing. Groei-analise: Kwantitatiewe analise van plantgroei; probleme met meting; opbrengs met verwysing na groei-eienskappe. Navorsingsonderwerpe: Studie van enkele moderne agronomiese ondersoek met die doel om 'n wetenskaplike benadering aan te kweek en om insig te verkry in die struikelblokke van agronomiese navorsing.

Praktika

Studie van huidige agronomiese navorsing op die Universiteitsproefplaas; analise van faktoriale en gesplete-perseel eksperimente; die veldlaboratoriumbegrip en studie van tegnieke wat in omgewingsnavorsing aangewend word; biometriese analise van groei-analise gewens.

(Twee lesure en een halwe praktikum per week)

(Voorvereistes: CS 201, BM 102)

CS 391/392 Seminaar (1+0)

Dit word van 'n student vereis om 'n seminaar te voltooi en mondelings voor te dra oor 'n onderwerp wat voorafgegaan is deur 'n 200 standaardkursus in die betrokke vak.

(Tyd toegeken ekwivalent aan een lesuur per week)

(Voorvereistes: —)

WEIDINGKUNDE

PS 102 Weidingekologie (3+1)

Inleiding tot plantekologie met betrekking tot 'n studie en ontleding van plantopvolging. Kenmerkende voorbeelde van plantopvolging en evaluasie van die produktiwiteit van eko-sisteme. Die invloed, rol en gebruik van veldbrand in die bestuur van plantegroei vir landboukundige doeleindes. Die plantegroei van Suid-Afrika met spesiale verwysing na die oorsprong van die drie hoof plantegroeitipes en onlangse veranderinge wat ingetree het. 'n Vergelyking van benutting van plantegroei deur mak en wilde hoefd iere.

Prakties

Praktiese demonstrasies oor plantekologie, veldbrand en die plantegroei van Suid-Afrika. Toegeligte besprekings oor die benutting van plantegroei deur mak en wilde hoediere.

(Drie lesure en een praktikum per week)

(Voorvereistes:—)

(Medevereiste: CS 112)

PS 201 Weidingsbestuur (4+1)

Die doelstellings en beginsels van weidingsbestuur. Die ontogenie van die grasplant en die fisiologiese en ekologiese benadering in weidingsbestuur. Kritiese groeistadia en die doel van rusperiodes. Plant/dierverhoudings met betrekking tot weivoorkeure, smaaklikheid en selektiewe beweiding. Weidingsterminologie:—terme en definisies wat die eenskappe van plantegroei, metodes van weidingsbestuur en plant/dierverhoudings omskryf. Bespreking en evaluasie van aanhoudende beweiding, wisselweiding wisselrus, wisselweiding en -rus, en sny van veld. Beskrywing en ontleding van verskillende weidingsbestuurstelsels.

Prakties

Praktiese demonstrasies oor verskillende groeistadia in die ontwikkeling van die grasplant. Bestudering van die invloed van frekwensie en intensiteit van ontblaring op brenge, kwaliteit en groeikragtigheid van weiplante in proefpersele. Bestudering van verskillende weidingsbestuurpraktyke en bestuurstelsels in die praktyk.

(Vier lesure en een praktikum per week)

(Medevereiste: CS 112)

**PS 212 Voerproduksie en -bewing (3+½)**

Die klassifikasie, vestiging, bestuur en benutting van aangeplante weidings en voergewasse. Gedetailleerde studies van spesifieke aangeplante weidings en voergewasse. Voerbewing deur die maak van kuilvoer. Droogtebestande voergewasse en voerbome, die rol en doel daarvan in die boerderystelsel. Beskrywing, vestiging en bestuur van geselekteerde droogtebestande voergewassoorte.

Prakties

Die identifikasie van aangeplante weidings- en voergewasse. Praktiese demonstrasies oor die vestiging en bestuur van aangeplante weidings. Bespreking en demonstrasies oor die maak van hooi en kuilvoer.

(Drie lesure en 'n halwe praktikum per week)

(Voorvereiste: PS 201)

PS 222 Veldhenuwing (2+½)

Inleiding: Die indringing en bekamping van ongewenste plantsoorte in veld. Verskillende soorte indringing, die omvang van die probleem in Suid-Afrika en oorsake vir die indringing van ongewenste plantsoorte. Metodes vir die uitroeiing en beheer van indringerplante. Veldhersaaing met spesiale verwysing na die doelstellings, faktore wat die sukses van hersaaing beïnvloed, die keuse van plantsoorte, vestiging, bemesting en bestuur van hersaaide oppervlaktes. Beheer van insekplae in die veld. Metodes vir die beheer van grasdraertermiete, miershooptermiete en ander insekplae.

Prakties

Toegeligte demonstrasies oor die indringing en bekamping van ongewenste plantsoorte. Veldstudies oor hersaaing en beheer van insekplae.

(Twee lesure en 'n halwe praktikum per week)

(Voorvereiste: PS 102)

PS 231 Gevorderde Weidingsbestuur (4+1)

Voorgeskrewe leeswerk en besprekings oor weidingsekologie, toegepaste weidingsbestuur, die fisiologie van weiplante, radikale veldverbetering, aangeplante weidings, veld en aangeplante weiding as veevoeding, grondbewaring en wildboerdery.

Prakties

Toepaslike demonstrasies, veld- en laboratoriumstudies, besoeke aan landbounavorsingsstasies en weidingsproewe.

(Vier lesure en een praktikum per week)

(Voorvereiste: PS 201)

PS 302 Voorgeskrewe Onderwerpe in Weidingkunde (2+½)

Weidingnavorsingstechnieke vir kwantatiewe en kwalitatiewe ontleding van plantegroei. Monsterneming en perseeltechnieke in weidingnavorsing. Kriteria vir die evaluering van plantegroei. Die bepaling van weidingskapasiteit en benutting van plantegroei. Beoordeling van veldtoestand en veranderingstendense.

Prakties

Die toepassing van bepaalde navorsingstechnieke vir die beskrywing en beoordeling van plantegroei in die veld en die laboratorium.

(Twee lesure en 'n halwe praktikum per week)

(Voorvereiste: PS 102)

PS 312 Projek in Bodembenutting Beplanning (0+2)

Prakties

Die beskrywing en beoordeling van 'n boerdery-eenheid ten opsigte van die grondgebruikspatroon. Die formulering van 'n voorgestelde grondgebruikspatroon met betrekking tot alle landboukundige aspekte vir die spesifieke boerdery-eenheid. Opstel van kaarte van die huidige en voorgestelde grondgebruikspatroon.

(Twee praktika per week)

(Voorvereistes: —)

TUINBOUKUNDE

HC 211 Grondbeginsels van Vrugte- en Groenteproduksie (5+1)

'n Kort beskrywing van die Suid-Afrikaanse tuinbouwyerheid, onder andere tuinbou in die swart gebiede. Plant nomenklatuur, tuinbouterminologie en klassifikasie van tuinbougewasse. Klimaat as 'n faktor in tuinbouproduksie; hael- en rypbeskerming; windbreke vir vrugteboorde. Beginsels by die bestuur van tuinbougewasse, onder andere keuse van grond en boordligging, boorduitleg, spasiëring, besproeiing, bemesting, dekgewasse, onkruidbeheer. Bestuwing, vrugteset en vruguitdunning. Die beginsels en metodes van snoei. Inleidende studies van die botanie, ekologie, cultivars, voortplanting en bestuur van bepaalde bladwisselende, sitrus, tropiese en sub-tropiese vrugtegewasse. 'n Kort bestudering van groenteproduksie.

Praktiese Werk

Boorduitleg en bestuurspraktyke. Snoei en vruguitdunning by bladwisselende vrugtebome. Snoei en opei van wingerd. Voortplanting van bepaalde vrugtegewasse. Die vestiging, bestuur en oes van groentegewasse. Identifikasie en evaluasie van vrugte- en groentecultivars. Besoek aan produsente, pakhuis en/of inmaakfabrieke, en aan die Pynappelnavorsingsstasie en Munisipale Varsproduktemark, Oos-Londen.

(Vyf lesure en een praktikum per week)

(Voorvereistes: CS 112)

Let wel: Voorkeur moet gegee word aan hierdie kursus, bo HC 201, deur studente wat nie meer as een kursus in tuinboukunde sal neem nie.

HC 201 Grondbeginsels van Tuinboukunde (5+1)

'n Kort beskrywing van die Suid-Afrikaanse tuinbouywerheid, onder andere tuinbou in die Tuislande. Plant nomenklatuur, Tuinbouterminologie en klassifikasie van tuinbougewasse. Klimaat as 'n faktor in tuinbouproduksie; hael- en rybeskerming; windbreke vir vrugteboorde. Beginsels by die bestuur van tuinbougewasse, onder andere keuse van grond en boordlêging, boorduitleg, spasiëring, besproeiing, bemesting, dek-gewasse en onkruidbeheer. Plantvoortplanting met spesiale verwysing na die beginsels en metodes van vegetatiewevoortplanting. Plantegroei en ontwikkeling: natuurlike en sintetiese planthormone; onrypheid en veroudering; blom, blomfisiologie, vrugteset, vruggroei en vrugrywording. Oes en opberging van vrugte.

Praktiese Werk

Boorduitleg en bestuurspraktyke. Plantegroei- en ontwikkelingsstudies. Vegetatiewevoortplantingsmetodes, onder andere misvoortplanting. Besoek aan produsente en pakhuis

HC 301 Bladwisselende vrugte (4+1)

Bestudering van die ekonomiese belangrikheid, verspreiding, botanie, groei, fisiologie, ekologie, cultivars, voortplanting, bestuur, bemarking, en vernaamste plaë en siektes van die meer belangrike bladwisselende vrugte, b.v. steen- en kernvrugte en tafeldruiwe. Klimaatvereistes, beginsels en metodes van snoei en opleiding, en onderstamme sal spesiale aandag geniet.

Praktiese Werk

Produksiepraktyke, onder andere voortplanting, snoei, opleiding, vruguitdunning, oes, gradering en verpakking. Identifikasie en beheer van plaë en siektes.

(Vier lesure en een praktikum per week)

(Voorvereistes: HC 201)

HC 311 Sitrusvrugte(4+1)

Bestudering van die ekonomiese belangrikheid, verspreiding, botanie, groei, fisiologie, ekologie, cultivars, voortplanting, bestuur, bemarking, en vernaamste plaë en siektes van sitrusvrugte (lemoene, pomelos, suurlemoene, nartjies). Besondere aandag word gerig aan klimaatvereistes en verspreiding cultivar-kenmerke, voortplanting, vruggehalte en faktore wat gehalte beïnvloed, pakhuisbestuur, beheer van plaë en siektes.

Praktiese Werk

Besoek aan sitrusboorde en pakhuis; pakhuisbestuur. Voortplanting van sitrus. Toets vir vruggehalte. Identifikasie en beheer van sitrusplaë en siektes.

(Vier lesure en een praktikum per week)

(Voorvereistes: HC 201)

HC 322 Groentegewasse (4+1)

'n Kort beskrywing van die Suid-Afrikaanse groentenywerheid, onder andere groenteproduksie in die swart gebiede. Belangrikheid en voedingswaarde van groentegewasse. Klassifikasie van groentegewasse. Tipes van groenteverbouing. Klimaat en grond as faktore in groenteverbouing. Voedingsbehoefes van groentegewasse; toediening van kunsmis. Sade, saadproduksie, saadsertifisering en toetsing. Saadbed voorbereiding, saai en uitplant. Bestuur van groentegewasse. Bemaking en opberging, onder andere die belangrikheid van kwaliteit. Groentebewerking. Ekonomiese belang, botanie, voedingswaarde, produksiegebiede, klimaatsvereistes en ander bepaalde aspekte van die belangrikste groentegewasse.

Praktiese Werk

Laboratoriumwerk onder andere saadkwaliteit- en ontkiemingstoetse. Veldwerk, onder andere die kweek van groentesaailinge en bestuur van die gewasse. Evaluasie van cultivars en kwaliteit. Beoordeling van groente. Besoeke aan groenteprodusente, bewerkingsfabrieke en aan die Munisipale Varsproduktemark, Oos-Londen.

(Vier lesure en een praktikum per week)

(Voorvereistes: HC 201)



HC 332 Sub-tropiese vrugte (4+1)

Bestudering van die ekonomiese belangrikheid, verspreiding, botanie, groei, fisiologie, ekologie, cultivars, voortplanting, bestuur, bemaking en vernaamste plae en siektes van die meer belangrike tropiese en sub-tropiese vrugtegewasse, tee en koffie.

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Praktiese Werk

Veldwerk, onder andere moontlike besoeke aan 'n pynappelplaas en inmaakfabriek, die Pynappel Navorsingstasie, en aan tee- en koffiaanplantings. Laboratoriumstudies van aalwurmbesmetting in pynappels; beheer maatreëls. Studies van vrugte en neute.

(Vier lesure en een praktikum per week)

(Voorvereistes: HC 201)

HC 341 Tuinbouprojek (0+1)

HC 342 Tuinbouprojek (0+1)

Een tweesemester projek of twee enkel semester projekte.

Veldwerk, in die vorm van 'n kleinere navorsingsprojek, om die student praktiese ondervinding te gee met die produksie en wetenskaplike bestudering van vrugte- of groentegewasse. 'n Verslag moet voorgelê word.

(Elke kursus ekwivalent aan een praktikum per week).

(Voorvereistes: HC 201)

HC 352 Spesiale Onderwerpe in Tuinboukunde (2+2½)

Spesiale onderwerpe veral met betrekking tot vrugtegewasse, om voorafgaande kursuse aan te vul en ten einde 'n mate van spesialisasie in 'n bepaalde rigting moontlik te maak.

(Lesings, werkstukke en praktika soos nodig geag word, maar gelykwaardig aan twee lesure en 'n halwe praktikum per week).

(Voorvereistes: HC 301 of HC 311 of HC 332)

(Medevereistes: HC 322)

HC 391/392 Seminaar (1+0)

Dit word van 'n student vereis om 'n seminaar te voltooi en mondelings voor te draoer 'n onderwerp wat voorafgegaan is deur 'n 200 standaardkursus in die betrokke vak.
(Tyd toegeken ekwivalent aan een lesuur per week)
(Voorvereistes: HC 201 of HC 211)

GRONDKUNDE**SS 101 Inleiding tot Grondkunde (5+1)**

Die oorsprong van gronde: Verskillende soorte moeder materiaal, minerale en rots-tipes, die geologiese formasies van Suid-Afrika, rotsverwing. Grondvorming en -klassifikasie: die profiel, horisonte en terminologie; grondvormingsfaktore; klassieke grondsoorte, b.v. podzol, latosol, tjernozem; grondklassifikasie in Suid-Afrika, belangrikste series. Fisiese eienskappe van gronde: tekstuur, struktuur, grondvog, lug, temperatuur. Chemiese eienskappe van gronde: chemiese samestelling, kleiminerale, katioomuitruiling, pH, grondsuurheid, kalktoedienings, brak gronde. Biologiese eienskappe van gronde: organismes, organiese materiaal, ammonifikasie en nitrifikasie. Grondvrugbaarheid en kunsmis-stowwe: vrugbaarheidstoets, soorte en bronne van N, P, K, kunsmisstowwe, aanbevelings i.v.m. misstowwe.

Praktika

Minerale en rotse. Veldwerk: landvorms, grondvormingsfaktore, elementêre grondklassifikasie. Eenvoudige bepaling van belangrike fisiese en chemiese eienskappe van gronde in die laboratorium en in die veld. Kunsmissidentifikasie.

(Vyf lesingperiodes en een praktikum per week)

(Voorvereistes: Chemie I)

SS 202 Chemiese Ontleding van Grond, Plantmateriaal en Water (1+2)

Inleiding: Tegnieke-teorie en voorbeelde: titrasie, neerslaan, kalorimetrie, vlam-spektrofotometrie. Die ontleding van grond, plantmateriaal en water: doelstellings, monsterneming en die stoor van monsters, belangrike parometers, ekstraksieprobleme, interpretasie van resultate.

Praktika

Die ontleding van standaardoplossings van $\text{SO}_4^{=}$, H_2PO_4^- , NO_3^- , $\text{CO}_3^{=}$, HCO_3^- , Cl^- , Ca^{++} , Mg^{++} , Na^+ , K^+ . Die ontleding van gronde: versadigings-ekstrak; KAV en uitruilbare Na, K, Ca, Mg. Die ontleding van plantmateriaal: N deur Kjeldahl; verassing en bepaling van Ca, Mg, K, P in die ekstrak. Die ontleding van water: Spesifieke geleiding, anione, katione, NAV.

(Een lesingperiode en twee praktika per week)

(Voorvereistes: SS 101)

SS 211 Pedologie (3+1)

Inleiding: definisie, motivering. Die grondprofiel: horisonte, terminologie. Grondvorming: faktore; geomorfologie en die akkumulasie van moeder materiaal; rots- en mineraalverwerking; differensiasie van horisonte. Grondklassifikasie: hoekom?; Klassieke sisteme; die Suid-Afrikaanse sisteem in redelike detail.

Praktika

Beskrywing en klassifikasie van grondprofiel in die veld. Oefeninge in serie-identifikasie waar slegs profielbeskrywings en ontledingsresultate verskaf word.

(Drie lesingperiodes en een praktikum per week)

(Voorvereistes: —)

SS 222 Plantvoeding en Grondvrugbaarheid (4+1)

Geskiedenis. Die opname en vervoer van ione. Groei in voedingsoplossings. Funksie van anorganiese voedingstowwe in plante. Voedingstoftekorte. Grondseikekunde van uitgesoekte voedingstowwe. Organiese materiaal en groenbemesting. Die bepaling van vrugbaarheidstatus. Kunsmisaanbevelings.

Praktika

Potproewe met voedingsoplossings waar uitgesoekte nutriente weggelaat word. Bepaling van vrugbaarheidstatus deur gebruik van 'n potproef wat biometries ontwerp is. Grondtoets vir P en K op verskillende gronde, insluitend dié wat voorheen gebruik is vir potproewe. Vergelyking van vrugbaarheidsbepaling met potproef en grondtoets.

(Vier lesingperiodes en 'n halwe praktikum per week)

(Voorvereistes: SS 101)

SS 301 Grondchemie (4+1)

Kleimineralogie. Adsorpsie op klei. Elektrochemie van gronde. Suspensie, stabiliteit, en die dubbellaag teorie. Ioonuitruilekwilibria. Grondaasuurheid. Oksidasie en reduksie in gronde. Brakgronde.

Praktika

Bepaling van spoorelemente in gronde en plantmateriaal. Proewe op P en K fiksasie. Studies i.v.m. ioonuitruilekwilibria. 'n Ondersoek van die eienskappe van 'n suurgrond.

(Vier lesingperiodes en een praktikum per week)

(Voorvereistes: SS 101)

SS 311 Die Beplanning van Landgebruik (4+1)

Inleiding: motivering, stremmende faktore, invloed van ekonomiese faktore. Basiese begrippe i.v.m. ekosisteme wat verskil in potensiaal. Versameling van fisiese data: klimaat, erosie, plantegroei, grond, topografie, water-hulpbronne, huidige landgebruik sosiale en ekonomiese toestande. Ekonomiese oorwegings. Integrasie van fisiese data en bepaling van potensiaal. Beplanning, oorweging van die volgende aspekte: ekonomie, grondbewaring, besproeiing, weiding, tuinbou, diere, gewasse. Huidige beplanning van landgebruik in die Tuislande. Die invoering van 'n hervormingsprogram in die landbou.

Praktika

Ontleding van klimaat. Gebruik van lugfotos vir plantegroei-opnames. Gebruik van 1: 50 000 topografiese kaarte, skale, bepaling van hellings. Bodemopname met die doel om potensiaal te bepaal. Versameling van data m.b.t. huidige landgebruik en sosiale en ekonomiese toestande. Bepaling van waterhulpbronne.

(Vier lesingperiodes en een praktikum per week)

(Voorvereistes: SS 211)

SS 322 Grondfisika (3+1)

Fisies-chemiese eienskappe van water: 'n studie van dié eienskappe; energiestatus van water. Fisiese eienskappe van water in die grond: vogretensiekurwe; die belangrikheid van poriegrootteverspreiding; totale grondvogpotensiaal; die uitvloeiwet van Richards Bepaling van voginhoud.

Beweging van grondwater: wette; hidrouliese geleidingsvermoë; toepassing i.v.m. vogbewaring; infiltrasie; die beskikbaarheid van grondvog. Die fisiese toestand van gronde struktuur; betekenis, bindmiddels, stabiliteit en bepaling daarvan; grondsterkte en die bepaling daarvan; modelle. Gronddeurligting.

Praktika

Die volgende veld- en laboratoriumbepalings: beskikbare grondvog; vogretensiekurwe, neutronvogmeter, tensiometers; hidrouliese geleidingsvermoë en die stabiliteit daarvan; infiltrasie; stabiliteit van struktuur.

(Drie lesingperiodes en een praktikum per week)

(Voorvereistes: SS 101)

SS 391/392 Seminaarwerk (1+0)

Studente sal opdragte kry om seminare oor voorgeskrewe onderwerpe voor te berei en voor te dra.

(Tyd toegeken is gelyk aan een lesingperiode per week)

(Voorvereistes: —)



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BIOCHEMIE**BC 101 Algemene Biochemie (6+1)**

Algemene inleiding. Strukture en funksies van selkomponente. Fisiese Biochemie; buffers, pH. Biochemie van koolhidrate, lipiede, nukleïnsure, aminosure, peptiede en proteïene. Beginsels van ensimologie. Hoofaspekte van koolhidraatmetabolisme in plante en diere. Metabolisme van stikstofhoudende bestanddele. Ureumsiklus. Metabolisme van lipiede. Plantbiochemie; fotosintese, insluitende die lig- en donkerreaksies Planthormone. Dierebiochemie; aspekte van dierebiochemie, insluitende liggaamsvloei-stowwe, spesifieke organe en hormone.

Praktiese Werk

Toetse op die chemiese bestanddele van lewende organismes. Demonstrasies van metaboliese eksperimente.

(Ses lesingsperiodes en een praktikum per week)

(Voorvereiste: Chemie I)

BC 201 Inleidende Biochemie (4+1)

Algemene inleiding tot die Biochemie. Selstruktuur; intrasellulêre organisasie en biochemiese funksies. Eienskappe en strukture van koolhidrate, nukleïnsure, lipiede, aminosure, peptiede en proteïene. Sure, basisse en buffers in waterige oplossings. Die konsep van pH.

Praktiese Werk

Algemene gedrag en optrede in die Biochemielaboratorium. Toetse op die chemiese bestandele van lewendende organismes.

(Vier lesingperiodes en een praktikum per week)

(Voorvereiste: Chemie I. Medevereiste: Chemie II)

BC 212 Kataboliese Metabolisme (4+1)

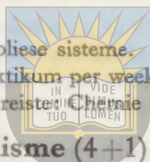
Inleiding tot die beginsels van metabolisme en metaboliese weë. Glikolise. Heksosomonofosfaatroete. Sitroensuursiklus; stoïgiometrie en faktore wat die sikliese oksidasie van asietiel- S- CoA beïnvloed. Alternatiewe roetes vir koolhidraatafbraak. Oksidasie van vetsure en die afbraak van komplekse lipiede; gelyke en ongelyke aantal koolstofatome. Alternatiewe roetes vir die oksidasie van vetsure. Vorming van ketoonliggaampies. Metabolisme van aminosure, puriene en primidiene. Ureumsiklus. Spesiale aspekte van die metabolisme van stikstofbestanddele.

Praktiese Werk

Studies van eenvoudige metaboliese sisteme.

(Vier lesingperiodes en een praktikum per week)

(Voorvereiste: BC 201. Medevereiste: Chemie II)



BC 221 Anaboliese Metabolisme (4+1)

Inleiding. Biosintese van koolhidrate van plantaardige en dierlike oorsprong. Vorming van glukose van piroudruwe suur. Biosintese van lipiede; gliseriede, fosfatiede, sfingolipiede. Biosintese van steroïde. Biosintese van nukleïensure: DNA en RNA. Proteïenbiosintese. Feite en menings insake die kontrole oor biosintetiese prosesse.

Praktiese Werk

Inleiding tot die eksperimentele evaluasie van biosintetiese prosesse. Ensimologie.

(Vier lesingperiodes en een praktikum per week)

(Voorvereiste: BC 212. Medevereiste: Chemie III)

BC 231 Inleiding tot Fisiese Biochemie (2+1)

Inleiding, Chromatografie, spektrofotometrie en sentrifugasie. Die biochemiese belang van pH. Chemiese ewewigstoestande. Ensieme en ensiemkinetika.

Praktiese Werk

Suur-basis eienskappe van biochemiese stowwe. Chromatografie en elektroforese. Ensiemstudies.

(Twee lesingperiodes en een praktikum per week)

(Voorvereiste: BC 212. Medevereiste Chemie III)

BC 242 Fisiese Biochemie (2+1)

Inleiding. Biochemiese energetiek en termodinamika. Redokssisteme. Elektronoordraging, die respiratoriese ketting en oksidatiewe fosforilasie.

Praktiese Werk

Redokspotensiale. Isolering en bestudering van mitochondria.

(Twee lesingperiodes en een praktikum per week)

(Voorvereiste: BC 231. Medevereiste: Chemie III)

BC 302 Fisiologiese Chemie (4+1)

Inleiding tot dierebiochemie. Biochemie van die liggaamsvloeistowwe; bloed, urine, serebrosipinale en ander gespesialiseerde ekstrasellulêre vloeistowwe. Biochemie van gespesialiseerde organe; die oog, spierweefsel, senuweeweefsels. Hormone. Ontgiftingsmeganismes.

Praktiese Werk

Chromatografie van weefselektrakte. Ensiemstudies op gehomogeniseerde weefsels en subsellulêre fraksies. *In vivo* studies en isotoopstudies.

(Vier lesingperiodes en een praktikum per week)

(Voorvereistes: BC 242, Chem. III)

BC 311 Voedingsbiochemie 2+1)

Inleiding. Biochemiese rol van makrovoedingstowwe. Voedingssteurnisse. Vitamiene.

Praktiese Werk

Ensieme. Chromatografie. *In vivo* en isotoopstudies.

(Twee lesingperiodes en een praktikum per week)

(Voorvereiste: BC 242, Chem. III)

BC 321 Inleiding tot Mikrobiologiese Biochemie (2+1)

Inleiding. Fermentasie; etanol, melksuur, barnsteensuur, battersuur, propionsuur en asetoïn. Biosintese van aromatisiese verbindinge vanaf asetaat. Die isopreeneenheid in biosintese. Antibiotika. Stikstoffiksering. Selwandsbiosintese.

Praktiese Werk

Metabolisme van bakterië, gisse en fungi. Isotoopstudies.

(Twee lesingperiodes en een praktikum per week)

(Voorvereistes: BC 242, Chem. III)

BC 332 Mikrobiologiese Biochemie (2+1)

Biochemie van industriële prosesse waarby mikro-organismes betrokke is. Sekere aspekte van biochemiese ingenieurswese; ekstraksie, suiwering, fermentasietegnologie.

Praktiese Werk

Fermentasies en verwante prosesse.

(Twee lesingperiodes en een praktikum per week)

(Voorvereistes: BC 242, Chem. III)

BC 342 Plantbiochemie (2+1)

Inleiding. Plantpigmente. Fotosintese; stoigiometrie, sikliese en nie-sikliese fotofosforilasie, die rol van koolstof in fotosintese, kwantumopbrengs en energetiek. Plant-hormone.

Praktiese Werk

Plantpigmente. Isolering van chloroplaste. Die ligreaksie. Planthormone.

(Twee lesingperiodes en een praktikum per week)

(Voorvereistes: BC 242, Chem. III)

BC 352 Gevorderde Biochemiese Tegnieke (2+1)

Inleiding. Die gebruik van gesofistikeerde biochemiese apparate en tegnieke; spektrofotometrie, sentrifugering, chromatografie, manometrie, isotope en subcellulêre fraksioneringsprosesse.

Praktiese Werk

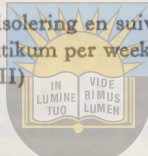
Die toepassing van bogenoemde tegnieke.
(Twee lesingperiodes en een praktikum per week)
(Voorvereistes: BC 242, Chem. III)

BC 362 Biochemiese Genetika (2+1)

Inleiding. DNA as genetiese materiaal. Molekulêre en biochemiese Genetika. Proteïensintese. Die genetiese kode.

Praktiese Werk

Eienskappe van RNA en DNA: isolering en suiwing. Ensieme.
(Twee lesingperiodes en een praktikum per week)
(Voorvereistes: BC 242, Chem. III)



GENETIKA

University of Fort Hare

GE 101 Inleiding tot Genetika (4+1)

Die selteorie van lewe. Die algemene morfologie van die sel. Oorsig van subcellulêre onderdele. Lewensiklusse en seldeling. Mendeliese beginsels. Gene interaksie. Sekskoppeling. Koppeling en die kartering van chromosome. Die kernteorie van molekulêre biologie. Veranderinge in die genetiese materiaal.

Praktiese Werk

Besigtiging van bereide plaatjies. Gekontroleerde kruisings met *Drosophila melanogaster*.
(Vier lesing periodes en een praktiese klas per week).
(Voorvereistes: —)

GE 111 Beginsels van Genetika (2+1)

Waarskynlikheidsteorie soos toegepas in genetika. Statistiese behandeling van kwantitatiewe eienskappe. Genetiese rekombinasie. Mutasie. Geenkontrolle meganismes. Ontwikkelingsgenetika. Sitoplasmiese oorerwing.

Praktiese Werk

Gekontroleerde kruisings met *Drosophila*, *E. coli*, en *Chlamydomonas*.
(Twee lesing periodes en een praktiese klas per week).
(Voorvereistes: GE 101).

GE 201 Populasie Genetika (4+1)

Groot populasie waarin toevallige paringe plaasvind. Verskillende soorte paringe in populasies. Teorie van 'path coefficients'. Gevolge van mutasie, seleksie, migrasie en genetiese afdrywing.

Praktiese Werk

Geselekteerde onderwerpe en probleme uit die populasiegenetika.

(Vier lesing periodes en een praktiese klas per week)

(Voorvereistes: GE 101)

GE 222 Planteteelt (2+½)

Die aard en doel van planteteelt. Die invoer en temming van plante. Voortplantingstelsels en planteteelt metodes. Verskeie teeltgnieke. Inteling, seleksie, heterose, uitkruising. Polyploïdes. Mutasie telingsmetodes.

Praktiese Werk

Praktiese ondervinding met tegnieke wat toegepas word op bekende gewasse (*Z. mays*, *Lolium spp.*, *Gossypium*, *Phaseolus*, ens.)

(Twee lesing periodes en 'n halwe praktiese klas per week)

(Voorvereistes: GE 101)

GE 301 Sitologie (2+1)

Oorsig van sellulêre en subsellulêre onderdele. Seldeling. Sirogenetika.

Praktiese Werk

Tegnieke wat gebruik word by die lig-mikroskoop. Fiksing, infiltrasie, inbedding, die maak van snitte en die montering van mikroskoop monsters. Kleurstowwe, kleuring en hegmiddels. Platdrukpreparate.

(Twee lesing periodes en een praktiese klas per week)

(Voorvereistes: —)



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GE 311 Biometriese Genetika (2+0)

Kwantitatiewe oorerwing. Statistiese metodes. Erfbaarheid. Seleksie, inteling kruisteling, heterose en oordominansie.

(Twee lesing periodes per week)

(Voorvereistes: —)

GE 322 Mikrobiale Genetika (4+2)

Die aard en funksionering van die geen. Rekombinasie analise. Biochemiese genetika. Genetiese fynstruktuur. Die aard van die genetiese materiaal. Mutasie. Genetika van bakterië en bakteriofaag. Buite-chromosomale stelsels.

Praktiese Werk

Askospooranalise. Bakteriële transformasie, transduksie, seksduksie en paring.

(Vier lesing periodes en twee praktiese klasse per week)

(Voorvereistes: GE 101, MB 102)

MIKROBIOLOGIE**MB 102 Inleiding tot Mikrobiologie (4+1)**

Die doelstelling, belangrikheid en geskiedenis van Mikrobiologie. Eukaryotiese en Prokaryotiese protista. Die klassifisering van bakterieë. Blou-groen alge. Struktuur en fisiologie van bakterieë. Die kweek van bakterieë. Bakteriële metabolisme. Geskiedenis van virusse. Tabakmosaïekvirus. Bakteriofaage. Diere virusse. Inleiding tot immunologie. Bloed. Symbiose. Herkouers. Lichene, Algae Mycorrhizae. Rhisobia. Sterilisasie en pasteurisasie.

Prakties

Gebruik van die mikroskoop. Die isoleering en kweek van bakterieë. Respirasie en fermentasie. Plantvirussiektes. Bakteriofage. Die isolering van spesifieke groepe bakterieë. Ontleding van melk en water.

(Vier lesure en een praktikum per week)

(Voorvereistes: —)

MB 111 Mikologie (4+1)

Die belangrikheid van swamme. Die Acrasiales en Labyrinthulales. Myxonyctes Phycomycetes. Ascomycetes en Fungi Imperfecti. Basidiomycetes.

Prakties

Die isolering, identifikasie en kweek van swamme.

(Vier lesure en een praktikum per week)

(Voorvereistes: —)

MB 201 Serologie en Immunologie (1+1)

Die aard en struktuur van antigene en teenliggaampies. Antijen/teenliggaampiereaksies. Teorieë van teenliggaampievorming. Toepassing van antijen/teenliggaampiereaksies in plant-en-dierevirusse. Die precipitietoets. Die ager enkel en dubbel diffusietoets.

Prakties

Bereiding van antisera. Mikro- en ringtussenvlak presipitietoets. Oudin ager enkel en dubbel diffusietoets. Ouchterlong agar dubbel diffusietoets.

(Een lesing en 'n halwe praktikum per week)

(Voorvereistes: MB 102; BC —)

MB 212 Grondmikrobiologie (3+1)

Inleiding tot Grondmikrobiologie. Die mikroflora van gronde. Risosfeer en wortelvlak. Ontbindingsprosesse. Humus. Koolstofsiklus. Nitrifikasie. Denitrifikasie. Stikstoffsiksering. Swaelsiklus, Fosforsiklus. Mikrobiologie van die risofoer. Biologiese balans in gronde.

Prakties

Waarnemingstegnieke vir grondmikrobes. Telling vir grondmikrobes. Kwantitatiewe waarneming van bakterieë in die risofoer. Isolering van bakterieë en swamme uit gronde.

(Drie lesings en een praktikum per week)

(Voorvereistes: MB 102)

MB 221 Plantplaagbeheer (4+1)

Vegetatiewe en reproduksiesiklusse van gewasse en die plaë wat die verskillende siklusse kan aantast. Die invloed van hongersnood op die mens met verwysing na die Ierse aartappeltekort. Die ontdekking van saadbehandeling in plaagbeheer. Swael en kalkswael. Roes- en brandswamme van koring. Inleiding tot ekonomiese entomologie. Kwarantynmaatreëls. Chemiese beheermaatreëls. Swamdoders. Insekdoders. Berokingsmiddels. Onkruidodders. Aalwurms en aalwurm beheermetodes.

Prakties

Opname van plaë en siektes op verskillende gewasse. Algemene insek- en swamdoders en die gebruik daarvan. Yking van spuittoestelle. Onkruidodders en die gebruik daarvan. Die isolering van aalwurms uit grondmonsters.

(Vier lesings en een praktikum per week)

(Voorvereistes: MB 102)

MB 232 Plantvirologie (2+1)

Die simptome van virussiektes in plante. Essaiëring van plantvirsusse. Oordraging van plantvirsusse. Eienskappe van plantvirsusse. Interaksie tussen virus en gasheer. Die invloed van die omgewing op die aard en voorkoms van plantvirsusse.

Prakties

Studies van geselekteerde gasheerviruskombinasies.

(Twee lesings en een praktikum per week)

(Voorvereistes: MB 102)

MB 301 Bakteriële Fisiologie (2+1)

Voedingsvereistes van bakterieë. Chemiese samestelling van bakterieë. Energiemetabolisme. Fotosintetiese energiemetabolisme. Biosintetiese metabolisme. Biosintese van aminosure, proteïene, lipiede, nukleinsure. Endotoksiene en eksotoksiene.

Prakties

Tegniek vir die bepaling van bakteriële groei. Isolasië van sellwande. Verbruik van koolstofverbindinge. Bakteriële gistinge. Versuursintese.

(Twee lesings en een praktikum per week)

(Voorvereistes: MB 102; BC —)

MB 312 Industriële Mikrobiologie (3+1)

Die rol van industriële mikrobiologie. Taksonomie en kweek van giste. Brouery en wyne. Die produksie van vitamene deur giste. Bakteriële fermentasies. Butanol-asetoon bakterieë. Melksuurbakterieë. Asynsuur en propionsuur fermentasies. Swamme en die benutting daarvan. Die produksie van sure en ensieme deur swamme. Antibiotika. Die industriële gebruik van fermenteerders.

Prakties

Gistingstegnieke. Besoek aan 'n brouery. Tegnieke vir die grootskaalse produksie van bakterieë. Produksie van antibiotika in die laboratorium en in die nywerheid. Die gebruik van ensieme van swamme en bakterieë.

(Drie lesings en een praktikum per week)

(Voorvereistes: MB 111; MB 301)

VEEKUNDE**AS 101 Inleiding tot die Veekunde (5+1)**

Inleiding tot die veeteelt en veebedryf in Suid-Afrika en die tuislande. Spesies, rasse en tipes plaasdiere en hul ontstaan, oorsprong, eienskappe en nut. Streeksgebondenheid van plaasdiere; voedingsaspekte. Terminologie. Diere klimatologie en aanpasbaarheid. Grondbeginsels van diereproduksie, reproduksie, groei en ontwikkeling, kompenserende groei en melkseksie. Diereproduksie sisteme.

Praktiese Werk

Bees, vark en perdbeoordeling. Plaasbesoeke.
(Vyf lesure en een praktikum per week).
(Voorvereistes: —)

AS 202 Beginsels van Dierevoeding (5+1)

Inleidende beginsels van diervoeding; voedingstowwe en hul metabolisme; die bepaling van liggaamsbehoefes en voedingswaardes; voedingsbehoefes vir liggaamprosesse en produksiefunksies; voedingseienskappe van diverse Suid-Afrikaanse voers.

Praktiese Werk

Voerbepaling en waardeberekening; voedingspraktye op die plaas; georganiseerde besoeke aan plase en instellings.
(Vyf lesure en een praktikum per week)
(Voorvereistes: AS 101)

AS 212 Vleiskunde

Produksie en verbruik van vleis. Vleisstruktuur; histologie, kleur en chemie. Kwaliteitsvereistes en standarde en faktore wat kwaliteit, sagtheid, kleur, vetkleur, vethardheid, marmering, smaak, groei en karkasverhoudings beïnvloed. Karkas evaluering en slagpersentasie. Behandeling van vleis en vleisdiere; vleis as menslike voedsel; slagmetodes. Afslag en behandeling van huid en velle.

Praktiese Werk

Opsny van bees-, skaap- en varkkarkasse; disseksie; ontbening en besoeke aan slagpale.
(Vier lesure en 'n halwe praktikum per week)
(Voorvereistes: —)

AS 221 Pluimveeproduksie (3+1)

Die pluimveebedryf in Suid-Afrika en ontwikkelende gebiede. Die ontstaan en klassifisering van rasse tesame met hul eienskappe en nut. Reproduksie. Produksie van eiers en vleis; invloed van omgewing en genetiese faktore op produksie. Grootmaaksisteme en bestuur; bemaking van pluimveeprodukte. Gesondheidsoorwegings.

Praktiese Werk

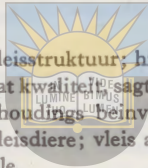
In die laboratorium en by die pluimvee-eenheid; georganiseerde toere.
(Drie lesure en een praktikum per week)
(Voorvereistes: —)

AS 232 Diereteelt (2+½)

Teelagtergrond: genotipiese en fenotipiese variasie, oorerflikheid en herhaalbaarheid. Seleksie en seleksietegnieke en die faktore wat die doeltreffendheid van seleksie beïnvloed. Paringssisteme. Teelplanne vir melk en vleisbeeste, varke en ander spesies.

Praktiese Werk

Beraming van teelparameters en hul toepassing.
(Twee lesure en 'n halwe praktikum per week)
(Voorvereistes:—)



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AS 241 Suiwelkunde (3+1)

Historiese oorsig en huidige posisie van die suiwel neweprodukte en hanterings-oorewegings. Suiwelchemie, mikrobiologie, tegnologie en produksie higiëne.

Praktiese Werk

In die laboratorium en op die plaas tesame met toere.

(Drie lesure en een praktikum per week)

(Voorvereistes: —)

AS 301 Dierereproduksiesisteme (5+1)

Bees- en varkproduksiesisteme: Suiwel-, beesvleis- en varkvleisindustrieë; re-produksie, grootmaak en algemene bestuursaspekte onder intensiewe en ekstensiewe toestande; voedings-, produksie- en bemarkingsaspekte asook omgewingsfaktore. Toepassing in ontwikkelende gebiede.

Trekkere: Afrigting, bestuur en hantering van perde en osse; hulle rol in die landbou met spesiale klem op ontwikkelingslandbou.

Praktiese Werk

Toepaslike praktiese werk op die Universiteitsplaas, georganiseerde besoeke plaaslike plase en inrigtings. Laboratoriumwerk

(Vyf lesure en een praktikum per week)

(Voorvereistes: AS 202)

AS 312 Gevorderde Voedingsleer (5 F1)

Energie metabolisme in verhouding tot voeding en metodes van energiemetabolisme meting in diere. Indirekte hitte bepaling vanuit chemiese veranderings. Basale energie uitgawe. Energiekoste van beweging. Invloed van die omgewing op energiemetabolisme. Metaboliseerbare energie benodighede en die berekening daarvan. Herkoue-vertering en verteringsprodukte en hul benutting. Beheer van energie-inname. Beperkings van bestaande voedingsisteme. Fisiologie van voeding, absorpsie en metabolisme in die herkouer. Vlugtige vetsuur benutting en hitte inkrement vir verskillende produksie funksies. Minimum koste rantsoenering (Liniêre programmering).

Praktiese Werk

Die in-vitro bepaling van verteerbaarheid, uitvoer van verteringsproef, stikstof-balans bepaling, vitamien demonstrasie proef, bepaling van liggaamswater en liggaams-energie konsentrasie in kleindiere, mineraal studies.

(Vyf lesure en een praktikum per week)

(Voorvereistes: AS 301)

AS 322 Projek in Dierereproduksie (0+2)

Dit word van die student verlang om deel te neem aan 'n geselekteerde projek wat die dierereproduksie omsluit, die resultate moet as 'n wetenskaplike verslag aangebied word.

(Twee praktikum per week)

(Voorvereistes: AS 202)

AS 332 Spesiale Onderwerpe in Veekunde (2+0)

'n Studie van navorsingsverslae en geselekteerde onderwerpe in Veekunde.

(Twee lesure per week)

(Voorvereistes: AS 202)

AS 391/392 Seminaar (1+0)

Die student moet twee seminare oor gegewe onderwerpe in diereproduksie skryf en aanbied.

(Een lesuur per week)

(Voorvereistes: AG 202)

DIEREGESONDHEID

AH 102 Anatomie en Fisiologie (5+1)

Die anatomie en fisiologie van plaasdiere ondersteun deur die betrokke histologie en embriologie. Klem word veral gelê op normale ontwikkeling en funksie om sodoende agtergrond te skep vir die kursus in dieregesondheid.

Praktiese Werk

Anatomie, fisiologie en histologie van gesonde organe.

(Vyf lesure en een praktikum per week)

(Voorvereistes: —)

AH 112 Elementêre Dieregesondheid (5+1)

'n Inleiding tot die normale anatomie en fisiologie van plaasdiere met 'n verkorte verwysing na afwykings wat dikwels voorkom en aansteeklike siektes.

Praktiese Werk

Elementêre diagnostiese en terapeutiese prosedure met vergelyking tussen gesonde nie se diere.

(Vyf lesure en een praktikum per week)

(Voorvereistes: —)

AH 201 Dieregesondheid—Nie-besmetlike Siektes (5+1)

Kliniese en patologiese ondersoek van plaasdiere: voorbeelde van die belangrikste mediese, snykundige en ginekologiese toestande van plaasdiere met spesifieke verwysing na oorsaak, verloop, behandeling en voorbehoedmaatreëls.

Praktiese Werk

Demonstrasie van kliniese gevalle en elementêre terapeutiese beginsels.

(Vyf lesure en een praktikum per week)

(Voorvereistes: —)

AH 212 Dieregesondheid—Besmetlike Siektes (5+1)

Die mees belangrike siektes van plaasdiere soos deur spesifieke agente veroorsaak, met verwysing na die biologie van die agente. Voorkoms, simptome en nadoodse verskynsels, behandeling, voorkomende maatreëls en staatsregulasies aangaande hierdie siektes.

Praktiese Werk

Demonstrasie van diere wat aan siektes, veroorsaak deur spesifieke agente ly. Diagnostiese, terapeutiese en voorkomende maatreëls.

(Vyf lesure en een praktikum per week)

(Voorvereistes: —)



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KLEINVEE- EN VESELKUNDE

SF 201 Kleinveekunde (5+1)

Streeksgebondenheid van sekere belangrike skaap- en bokrasse—hulle aanpasbaarheid, produksie, reproduksie en groei. Histologiese ontwikkeling van wol- en bokhaar-vesels; belangrikste fisiese eienskappe; hantering en bemarking van wol en bokhaar.

Praktiese Werk

Kleinveebeoordeling; hantering, klassifikasie en tipering van wol en bokhaar. Besoeke aan plase en inrigtings.

(Vyf lesure en een praktikum per week)

(Voorvereistes: —)

SF 212 Kleinveebestuur (3+ $\frac{1}{2}$)

Algemene bestuur en organisasie van die kleinveenywerheid; weidingsgewoontes van kleinvee; reproduksie (geinduseerde multiovasiasie, sinchronisasie, prikkelvoeding, ens); voeding (melkvervangers, droogte- en kruipvoeding; proteïenstabielisering); produksiestelsels (intensief/ekstensief) en die toepassing daarvan in ontwikkelende gebiede.

Praktiese Werk

'n Studie van die bestuursaspekte van kleinvee-produksie deur middel van besoeke aan plase, skeer- en hanteringsseenhede in die tuislande; praktiese aspekte van die infrastruktuur van kleinvee-produksie. Byvoeding en rantsoensamestelling vir kleinvee.

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SF 222 Veselkunde (2+ $\frac{1}{2}$)

Tekstielvesels en hulle belangrikheid in die ekonomiese en kulturele lewe, fisiese en chemiese eienskappe en die fisies-chemiese eienskappe wat vereis word in die tekstielnywerheid.

Praktiese Werk

Chemiese behandeling van wol; bleikmiddels; bepaling van treksterkte; kartelfrekwensie, veseldikte en filtvermindering; bepaling van S:P verhoudings. Besoeke aan die tekstielfabriek.

(Twee lesure en 'n halwe praktikum per week)

(Voorvereistes: SF 201)

LANDBOU-EKONOMIE

AE 101 Landbou in die Ekonomie (1+0)

Struktuur van die ekonomie: primêr, sekondêr, tersiêr. Die relatiewe belangrikheid van elke sektor oor 'n tydperk in Suid-Afrika. Getal werknemers. Landbou anders as ander sektore via produksiefaktore. B.N.I. ingedeel in 3 sektore en veranderings oor tyd. Uit- en invoere van produkte. Geld se rol in die ekonomie. Binnelandse bemarking van landbouprodukte. Wêreldmarkte van landbouprodukte. Landbou beleid insake periteitsinkome met nie-landbou sektore.

(Een lesing per week)

(Voorvereistes: —)

AE 111 Elementêre Landbouprysteorie (1+½)

Inleiding: definisies, produksie en verbruik, produksiefaktore.

Utiliteit: totale nut en grensnut, algemene vorm van hierdie krommes. Verbruiker se keuse en verbruikersewewig.

Vraag en aanbod: Nut as basis vir die individuele vraag na verbruiksgoedere. Veranderinge in die vraag na verbruiksgoedere en/of produksiefaktore. Persoonlike en markaanbodskurwes. Prysforming en markewewig. Eienskappe van 'n perfekte mark Elastisiteit van vraag en aanbod; landbou se vraag en aanbodskeodes. Spinnerakteorie.

Praktiese Werk

Geografiese voorstelling van totale en grensnutskedule. Verbruikersewewig tussen twee produkte. Persoonlike en markvraag- en aanbodkrommes. Prysforming met veranderings in vraag en aanbod. Spinnerakteorie.

(Een lesing en 'n halwe praktiese klas per week)

(Voorvereistes: —)

AE 121 Produksie-ekonomiese Teorie (3+½)

Die produksiefunksie

Verwantskappe tussen faktore en produkte: produksiefunksie definisies. Die wet van verminderende meeropbrengs. Elastisiteit van produksie, rasionele en irrasionele produksie.

Faktor|faktorverhouding

Algemene vorm. Probleme in landbou. Faktorsubstitusie, veranderlike koers van substitusie, elasticiteit van substitusie. Isoklines, grenslyne en irrasionele substitusie.

Produk|Produkverhouding

Komplementêre, supplementêre en kompeterende substitusie—rasioneel en irrasioneel. Grenslyne en isoklines. Optimum produkkombinasie—iso-inkomste krommes.

Kostefunksies in landbou

Geleentheidskoste, kort- en langtermyn periodes; veranderlike en vaste koste.

Praktiese Werk

Totale, gemiddelde en grensprodukkrommes: tipes van opbrengs; zones van produksie. Maksimum winsbepaling. Inwerking van prysveranderinge op in- en uitsette. Iso-produk, en grenslyne, isoklines en uitbreidingspad. Kompetentêre, supplementêre en kompeterende kombinasies. Bepaling van maksimum wins deur middel van koste krommes.

(Drie lesingperiodes en 'n halwe praktiese klas per week).

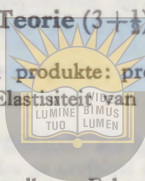
(Voorvereistes: —)

AE 131 Bemaking van Landbouprodukte (2+0)

Die bemakingsprobleem en analisering daarvan. Verbruikers van landbou-produkte. Landbouproduksie. Kompetisie in voedsel bemaking. Landboupryse. Uitbreiding van vraag na landbouprodukte. Die opbergingsfunksie. Vervoer. Standardisering en gradering. Voedselverwerkingindustrieë. Groothandel en kleinhandel van voedsel. Die koste van bemaking. Versameling en gebruik van markingligting. Risiko in Landboubemaking.

(Twee lesings per week)

(Voorvereistes: —)



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AE 142 Boerderybestuur (3+1)

Die besluitnemingsproses. Ekonomiese beginsels in boerderybestuur. Plaasrekords. Analisering van plaasrekords. Risiko en onsekerheid. Verbetering van die boerdery-besigheid. Ekonomiese opnames.

Praktiese Werk

Hou en analisering van fisiese rekords vir verskillende produksiefaktore en bedryfstakke. Bruto mark ontledings. Gedeeltelike begroting. Volledige begroting. Risiko en onsekerheidsprobleme en hoe dit die boerdery beïnvloed. Ekonomiese opnames: beplanning en ontleding.

(Drie lesings en een praktiese klas per week)

(Voorvereistes: —)

AE 151 Natuurlike Hulpbronekonomie (4+0)

Inleiding: raamwerk. Aanbod van natuurlike hulpbronne vir ekonomiese gebruik. Bevolkingsdrukte en vraag na natuurlike hulpbronne. In- en uitset verhoudings. Lokasie en ruimtelike organisasie. Teorie van streeks-ontwikkeling. Natuurlike hulpbronprojek-evaluasie deur middel van voordeekoste-analise. Waterekonomie. Ekonomie van grondbewaring.

(Vier lesingperiodes per week)

(Voorvereistes: —)

AE 202 Landbou-ontwikkeling en -beleid (3+0)

Stadia van ekonomiese groei en landbou se rol in elke stadium. Probleme in onderontwikkelde landbou. Landelike hervorming. Beleidsmaatreëls om produktiwiteit te verhoog. Inkomestabiliteit deur middel van prysbeleid.

(Drie lesings per week) *Together in Excellence*

(Voorvereistes: EA 121 en AE 131)

AE 212 Landbouprysontleding (3+½)

Veranderings in pryse oor tyd. Sikliese variasie in kommoditeite. Elastisiteit van vraag na individuele landbouprodukte. Elastisiteit van aanbod. Meting van verandering in vraag. Subsidies en pryse.

Praktiese Werk

Berekening van lang- en korttermyn prysveranderings van sommige landbouprodukte. Sikliese variasies in Suid-Afrika. Prysindexse.

(Drie lesings en 'n halwe praktiese klas per week)

(Voorvereistes: AE 131)

AE 221 Produksie-ekonomie (4+½)

Familieplaasteorie betreffende koste. Skaal- grootte en koste ekonomie. Eulerteorie. Tyd, faktor- en hulpbronevaluasie. Arbeid as 'n ekonomiese veranderlike Landbouaanbod en vraagfunksies.

Praktiese Werk

(Vier lesings en 'n halwe praktiese klas per week)

(Voorvereistes: AE 121)

AE 232 Landboubemarking in Suid-Afrika (2+0)

Historiese agtergrond: Periode voor 1914. Periode 1914-1937 die eerste bemarkingsrade. Bemarkingswet van 1937. Ontstaan van beheerrade: algemene doel, probleme veroorsaak.

Bemerkingswet van 1968: Definisies. Bemerkingskemas. Beheerrade. Finansiële voorsienings. Algemene bemerkingvoorsienings.

Verskillende skemas: Vrye prysstelsels. Vaste prysstelsels. Vloerprysstelsels. Hoeveelheidsbeheerstelsels.

(Twee lesings per week)

(Voorvereistes: AE 131)

AE 301 Inleiding tot Liniêre Programmering (1+½)

Algemene struktuur, grafiese voorstelling, beperkinge. Veronderstellings: liniêre funksies, stabiliteit van funksies met prysveranderinge. Optimalisering van die funksie. Simplex metode. Rekenaar aanwending. Ekonomiese interpretasie van liniêre programmering.

Praktiese Werk

Opstel van die primêre probleem. Oplossing deur middel van die simplex metode. Oplossing deur middel van 'n rekenaar. Interpretasie van resultate.

(Een lesing en 'n halwe praktiese klas per week)

(Voorvereistes: AE 121 of Wiskunde I)

AE 312 Projek (0+2)

'n Taak van beperkte omvang om die student ondervinding in die hantering en aanbieding van data te gee.

(Twee praktiese klasse per week)

(Voorvereistes: AE 221, AE 212, AE 301)

AE 391/392 Seminaar (1+0)

Elke student sal twee skriftelike seminare skryf en voordra oor goedgekeurde onderwerpe.

(Een lesingperiode per week)

(Voorvereistes: AE 221, AE 212)

LANDBOU-INGENIEURSWESE

EN 102 Inleiding tot Landbou-ingenieurswese (5+1)

Die veld van landbou-ingenieurswese. Kragmasjiene en kragbenodigdhede van werktuie. Die werkwinkel, plaasmasjinerie, verskillende tipes van masjiene, hulle werking en instandhouding. Implemente. Opmerking. Verkoeling. Plaasgeboue, Hidrolika. Elektrisiteit.

(Vyf lessingperiodes en 'n halwe praktiese klas per week)

(Voorvereistes: —)

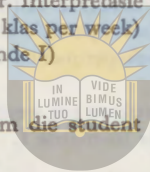
ADDISIONELE KURSUSSE

AG 202 Inleidende Seminaar (1+0)

Wetenskaplike literatuur en die gebruik daarvan. Metodes van seminaarvoorbereiding en -aanbieding.

(Een lesingperiode per week)

(Voorvereistes: —)



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BM 102 Inleiding tot Biometrie (5+1)

Waarskynlikheid. Sommige waarskynlikheidsmodelle. Statistieke, steekproefverdelings en die puntskatting van parameters. Hipotesetoetsing. Regressie en korrelasie. Variansieanalise.

(Vyf lesingperiodes en een praktikum per week).

Voorvereistes: Matrikulasie wiskunde.

BM 201 Meer Gevorderde Biometrie I (5+1)

Algemene betekenistoets; die normaaltoets en die t-toets. Betekenistoets gebaseer op die Chi-kwadraat toets. Die F-toets en variansieanalise. Individuele vergelykings in variansie-analise. Inleiding tot veldeksperimente. Ewekansige blokontwerp en die ontwerp van Latynse vierkant.

(Vyf lesingperiodes en een praktikum per week).

Voorvereistes: Inleiding tot Biometrie.

BM 212 Meer Gevorderde Biometrie II (5+1)

Analise van regressie en korrelasie; parsiele en meervoudige regressie en korrelasie. Analise van kovariansie. Faktoriaal-eksperimente. Onvolledige blokontwerp. Analise van tydreeke.

(Vyf lesingperiodes en een praktikum per week).

Voorvereistes: Meer gevorderde Biometrie I.

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LANDBOUVOORLICHTING
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EX 102 Inleiding tot Landbouvoorligting (3+0)

Die doelstellings, beginsels en filosofie van landbouvoorligting. Die landbouvoorligtingsdiens—die werking en behoeftes daarvan, met spesiale verwysing na die Bantoe-tuislande. Die boer in sy sosiale omgewing; kulturele patrone as basis vir sosiale gedragsvorme; die invloed van vorming, sosiale en persoonlike reaksie op verbeterde boerderypraktieke. Leierskap in landbouvoorligting: Identifisering van leiers: leierskapontwikkeling. Kommunikasie; die doelstellings en 'n ontleding van die kommunikasieproses; Voorligtingsmetodes; klassifikasie doeltreffendheid en ontleding van die verskillende metodes. Programbeplanning in landbouvoorligting: Doelstellings en filosofie: ontwerp van voorligtingsprogramme; werkswyse in programbeplanning.

(Drie lesure per week).

(Voorvereistes: —)

EX 202 Evaluasie en Navorsing in Voorligting. (3+1)

Evaluasie van navorsing in voorligting: Evaluasie van die landbouvoorligting-situasie; benaderings tot die voorligtingsituasie, die tegniese omgewing, die sosiale omgewing en die ekonomiese omgewing: Werkswyse by evaluasie en navorsing in voorligting; beplanning en uitvoering van 'n evaluasie projek.

Praktiese Werk

Toepassing van voorligtingsonderwysmetodes. Programbeplanning. Bestudering en evaluasie van die voorligtingsituasie. Verslaggewing.

(Drie lesure en een praktiese klas per week).

(Voorvereistes: EX 102).

Eregraduandi

1974

KAISER DALIWONGA MATANZIMA, Doctor Legum

JAMES JAMES RANISI JOLOBE, Doctor Litterarum et Philosophiae

1976

BENJAMIN JOHN PETER TYAMZASHE, Magister Artium



University of Fort Hare
Together in Excellence

Sukseste in Finale Eksamens aan Fort Hare 1975

GRADUANDI

EERSTE BACCALAUREUSGRADE

I BACCALAUREUS THEOLIGAE

WELCOME MAZIZANDILE GUWA

KOLA ALLEN JACOBS

ALFRED VELILE JONAS

THOMAS MBEKI MPOFU

LEO THATCHER PHIRI



University of Fort Hare
Together in Excellence

Hoofvakke

Ou en Nuwe Testament, Sistematiese Teologie

Kerkgeskiedenis, Ou en Nuwe Testament

Kerkgeskiedenis, Ou en Nuwe Testament

Kerkgeskiedenis, Ou en Nuwe Testament

Ou en Nuwe Testament

(met onderskeiding)

Sistematiese Teologie

(met onderskeiding)

II BACCALAUREUS JURIS

McVICAR QAQAMBILE KLAAS

CAESAR MSIMANGO MADIKIZELA

PATRICK MZOLISI MTSHAULANA

SIYAKUBONGA NGQWALA

ELLIS KHWEZI NODADA

MNYAMEZELI IGNATIUS NTSHIBA

WILLIE LEGOABE SERITI

Handelsreg, Privaatreg

Handelsreg, Privaatreg

Handelsreg, Privaatreg

Handelsreg, Privaatreg

Handelsreg, Privaatreg

Handelsreg, Privaatreg

Handelsreg, Privaatreg

III BACCALAUREUS PROCURATIONIS

HINTSA KGOSITSILE VUYISILE SIWISA

Handelsreg, Privaatreg

IV BACCALAUREUS ARTIUM

DANIEL NKOSINATHI MTHIMKULU BONTSA

WILMOT MANDLA CHAGI

CLARIBEÖ KOLISWA DENGA

MSIMELELO MOSES GIYOSE

ROSALYN NOLWAZI GUZANA

ARCHIBAÖD NDUMISO GXOBOLÉ

JOSEPH MNCEDISI JOJO

LUNGISWA NANDIPHA KOYANA

DRYDEN SIDIMA ANDILE LUZIPHO

TOZAMA BULELWA MADIKIZA

Antropologie, Argeologie, Xhosa

Engels, Sielkunde

Sielkunde, Xhosa

Bybelkunde, Geskiedenis, Xhosa

Antropologie, Sosiologie

Engels, Sielkunde

Aardrykskunde, Geskiedenis

Engels, Sielkunde, Sosiologie

Publieke Administrasie, Staatsleer

Engels, Sielkunde

LOYISO MAJIJA
 DAPHNE BUSISIWE MAKHANYA
 STHANDWA ELLIOTT MAKULENI
 GUARDWELL LUNGILE MATSHAKA

TOKOZILE VALERIE MAYEKISO
 ZAMA WOLMARAN MAYOLA
 TOBEKA VUYELWA MDA
 GETRUDE TENJIWE MESATYWA
 JOAN NOBULALI MOPHIRING
 JACOB MLUNGISI KHOSANA MVAMBO
 MTOBI ERIC OWEN NNDANDANI
 TANDEKA IRENE SWEETNESS NDONDO
 LUCKY NJOZELA
 NOSIPO TEMBEKA TOZAMA NKAMBA
 GILBERT ZOLILE NOMLALA
 PRIMADONNA ZUKISA NTOBONGWANA

DORIS NOMONDE NTSALUBA
 NOMHLE NXASANE
 ZOLISA QAVANE
 GEOFFREY MANDLOVANDILE RALA
 ZINGISA RUTH SKOSANA
 BARRINGTON SICELO XOSEKA
 LEONORA NOMKOLISI ZIMU

V BACCALAUREUS ARTIUM IN MAATSKAPLIKE WERK

FELIX MZIMKULU APRIL
 LOUISA NOMVUYO DYALOYI

LINDILA LINDWALL GIYOSE

HAZEL STEPHNE YOLISA JANUARY
 PUNYZWA KWATSHA
 PHILLIS PATRICIA NONKULULEKO MABETA
 NOTUTUZEŌO NTOMBI PAMELETTE MABINDISA
 VICTORIA NOMSA MADLEBE
 NOMATHEMBA JOYCE MAGEZA
 PORTIA NOLUTHANDO FUNDISWA GLORIA

MAKAPELA

MARGARET THOBEKA CIKIZWA MANGWANA

BUKELWA BERNICE MANYANDELA

NOMABADI NOMABHELE MASHOLOGU

SIZO CECIL MATIWANE
 BALAKAZI WINNIFRED MATSHOBA
 TEMBEKA MPAKO

Engels, Geskiedenis
 Engels, Sielkunde, Sosiologie
 Geskiedenis, Sosiologie
 Antropologie, Ontwikkelings-
 administrasie
 Aardrykskunde, Sielkunde
 Geskiedenis, Xhosa
 Engels, Xhosa
 Geskiedenis, Sielkunde
 Engels, Sielkunde
 Engels, Sielkunde, Wysbegeerte
 Geskiedenis, Xhosa
 Antropologie, Engels, Geskiedenis
 Engels, Sielkunde
 Engels, Xhosa
 Geskiedenis, Wysbegeerte
 Aardrykskunde, Geskiedenis,
 Sosiologie
 Engels, Geskiedenis, Sielkunde
 Engels, Geskiedenis
 Geskiedenis, Sosiologie
 Aardrykskunde, Geskiedenis
 Engels, Geskiedenis, Sielkunde
 Geskiedenis, Xhosa
 Engels, Staatsleer



University of Fort Hare
 Together in Excellence

Maatskaplike Werk, Sosiologie
 Maatskaplike Werk, Sielkunde,
 Sosiologie

Maatskaplike Werk, Sielkunde,
 Sosiologie

Maatskaplike Werk, Sosiologie

Maatskaplike Werk, Sosiologie

Maatskaplike Werk, Sielkunde

Maatskaplike Werk, Sosiologie

Maatskaplike Werk, Sosiologie

Maatskaplike Werk, Sosiologie

Maatskaplike Werk, Sosiologie

Maatskaplike Werk, Sielkunde,
 Sosiologie

Maatskaplike Werk, Sielkunde,
 Sosiologie

Maatskaplike Werk, Sielkunde,
 Sosiologie

Maatskaplike Werk, Sosiologie

Maatskaplike Werk, Sielkunde

Maatskaplike Werk, Sosiologie

EUGENIA NOKONWABA NTOMBOXOLO

Maatskaplike Werk, Sielkunde,
Sosiologie

MPEPANDUKU

DAPHNE DIAGRECIA NOKUZOLA MQUBULI

Maatskaplike Werk, Sielkunde,
Sosiologie

THEMBELIHLE PAMELA MARIA MSIMANG

Maatskaplike Werk, Sielkunde,
Sosiologie

ISANG ZIBAYA KIWUDIRETSI MZAMANE

Maatskaplike Werk, Sosiologie

MAFU COLBERT MZINYATI

Maatskaplike Werk, Sielkunde,
Sosiologie

MUSA VIOLET NGCOBO

Maatskaplike Werk, Sielkunde,
Sosiologie

HONJISWA OLIVE NGCUME

Maatskaplike Werk, Sosiologie

SHEILA NOKWANDA SAMUEL

Maatskaplike Werk, Sosiologie

NOMQONDISO IRENE SENTWA

Maatskaplike Werk, Sielkunde,
Sosiologie

TEMBEKA NAMBITA SIWISA

Maatskaplike Werk, Sosiologie

ALEXANDER SANDILE VENA

Maatskaplike Werk, Sielkunde,
Sosiologie

JUDITH LULAMA ZONDANI

Maatskaplike Werk, Sosiologie



VI BACCALAUREUS BIBLIOTHECOLOGIAE

MALERATO NOMSA NOMASOMI MBOALI

University of Fort Hare
Biblioteekwetenskap, Sielkunde,
Together in Excellence Xhosa

VII BACCALAUREUS SCIENTIAE

GERVASIUS KUMUNENI ENKARA

Fisika, Toegepaste Wiskunde

LINDIE PENLEY LUBELWANA

Chemie, Dierkunde

VUYANI LEONARD MABINYA

Biochemie, Chemie

MANDISA MADLAKANE

Chemie, Plantkunde

PAUL NATHANIEL MAKO

Chemie, Plantkunde

BONA ISAAC MAMPE

Biochemie, Chemie

LIYAZONGOMA MTANDENI SANGOMA MBEKENI

Chemie, Plantkunde

MXOLISI WESLEY JONAH MCITEKA

Chemie, Wiskunde

AMOS MATHANZIMA MDEBUKA

Fisika, Toegepaste Wiskunde

THEMBA EMMANUEL MDLALOSE

Fisika, Toegepaste Wiskunde

SININGI BETTY MINGOMA

Dierkunde, Plantkunde

FLORENCE SUZIE MAMPINANE MOSHESH

Chemie, Dierkunde

FRANK MOLAMO FREDERICH MOTLHABANE

Fisika, Toegepaste Wiskunde

LARRINGTON MTSHIZANA

Biochemie, Chemie

CHRISTOPHER NICHOLAS MTUTUZELI MZILENI

Chemie, Plantkunde

THERESA NOMASANTO MZIMELA

Chemie, Plantkunde

BANDILE SIMPIWE NAKANI

Chemie, Plantkunde

TIMOTEUS HIDULIKA NDAKUNDA

Biochemie, Chemie

NKOANE ENOCK NKOANE

Chemie, Plantkunde

GORDON LOYISO NONGXA

Chemie (*met onderskeiding*)Wiskunde (*met onderskeiding*)

Wiskundige Statistiek

(met onderskeiding)

ELIJAH NTSIKELELO PEMBA

Chemie (*met onderskeiding*),
PlantkundeNTOMBEKAYA NOMVUYO QANGULE
MALEHO SYLVAN SEANEChemie, Dierkunde
Biochemie, Chemie*(met onderskeiding)*FREDERICK LOYISO SONGCA
NGWENDUNA VANDA
YVONNE CHLOE NANDIPHA VANQA
LUNGELU MLAMLELI XAPILE
NOLUTHANDO ZITHAChemie, Wiskunde
Biochemie, Chemie
Dierkunde, Plantkunde
Chemie, Plantkunde
Chemie, Dierkunde**VIII BACCALAUREUS COMMERCII**

CAMPBELL BOMELA

Bedryfsekonomie, Bedryfsielkunde,
Ekonomie (*met onderskeiding*)

MICHAEL MACPHERSON VUYO KOYANA

Bedryfsekonomie, Kommersiele
Reg, RekeningkundeCONSTANCE LUNGILE ZINYANE MALINGA
ABRAHAM KAGISHO MOGAMISI
PATRICIA NTOMBEZINGI MTIMKULUBedryfsekonomie, Ekonomie
Bedryfsekonomie, Ekonomie
Bedryfsekonomie, Bedryfsielkunde,
Ekonomie**IX BACCALAUREUS ADMINISTRATIONIS**

NOMALUNGELU IVY JANTJIES

University of Fort Hare
Together in Excellence
Ekonomie, Publieke Administrasie,
Staatsleer

RAYMOND BROW SONWABO JOJO

Bedryfsielkunde, Ekonomie, Publieke
Administrasie

FEZEKILE PATRICK TSHIWULA

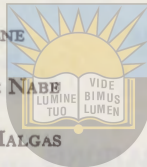
Bedryfsielkunde, Ekonomie, Publieke
Administrasie**X BACCALAUREUS SCIENTIAE IN LANDBOU**MALATJE SAMSON MALATJE
VUSUMUZI JOHANNES MDHLULI**NAGRAADSE BACCALAUREUSGRADE****XI BACCALAUREUS LEGUM**CHAELES SIZINDZO MDLEDLE
LUVU MALUSI TETYANA**XII HONNEURS-BACCALAUREUS ARTIUM**NOMAHLUBI VALENCIA MAKUNGA
VUYISWA MELROSE MAQAGI
TEMBA NORRIS MARALA
LEWIS PRETORIUS MNCEDISI MATIYELA
LIZILE FRANKLIN MNIKI
NOEL LINDA MUTLANE
RAYMOND RASMOSS RULULU
EMELDA MEISIE XABAKursus
Sielkunde
Engels
Staatsleer
Argeologie
Aardrykskunde
Afrikaans-Nederlands
Engels
Sosiologie

XIII HONNEURS-BACCALAUREUS ARTIUM IN MAATSKAPLIKE WERK

GLORIA NOZOLI DONDOLO	
VERONICA ALICIA NOMAZENGELE JORDAN	
AMECET KHOLEKA JWAAI	
THEMBA MSIKINYA	Sosiologie
CECIL MLUNGISI NDUNA	Sosiologie
NOMAKHWEZI PATIENCE VABAZA	
NONHLANHLA PATIENCE VEZI	Sosiologie

XIV HONNEURS-BACCALAUREUS SCIENTIAE

PUMEZO MALIK MPUMELELO JONAS	Chemie
AGNES MAKOSAZANA KIVIET	Dierkunde
FORTUNE WISDOM MDUDUZI KUNENE	Chemie
NAPO PHILEMON LEHOKO	Fisika
PETER SOLOMON TSHIKARE LEROLE	Biochemie
SIPHIWO ERNEST-WEST MABINDISA	Plantkunde
THEMBA MPUMELELO ALLSWELL MARGAS	Plantkunde
ROSALIND MATHAPELO MOTSE	Chemie
GCINIKHAYA MPEPO	Chemie
THOBKILE NOLAN MQOLOMBA	Dierkunde
SIVUYILE ZUKISO NDZUTA	Chemie
SIPHO DAVID NHLAPO	Biochemie
SIPHO WILFRED NHLAPO	Dierkunde
WILSON MZOLISI TYALI	Chemie
ERROL MANDLA TYOBEKA	Biochemie (<i>met onderskeiding</i>)



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Together in Excellence

XV BACCALAUREUS EDUCATIONIS

MIRRIAM ANGELINAH YALIWE JIYA
PATIENCE PALMER PELIWE MADIKIZA
REGIL MONGEZI MANTLANE
PATRICIA NOGWAALI MAYABA
SIBBERT SELBY MZIWONKE MEMA
SABATA MALIZO MLOBO
VINCENT MÓUCUKO NGAMBU
HOLFORD KUMBULELE NYIKANA
HENRY MOTHEBESOANE THIPA

XVI HONNEURS-BACCALAUREUS ADMINISTRATIONIS

LAWRENCE NKOSEMNTU MZIZANA	Bedryfsielkunde
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MAGISTERGRADE

XVII MAGISTER ARTIUM

CANASSEUS MASILO LAMLA

Antropologie

Verhandeling: Present-day Diviners (Ama-gqira) in the Transkei.

XVIII MAGISTER SCIENTIAE

CATHERINE FEZEKA TSHABALALA

Chemie

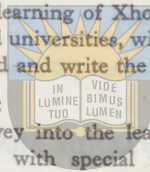
Verhandeling: Tetrahedral—Octahedral Configurational Equilibrium of Cobalt (II) complexes in solution: I—A study of the influence of substituted pyridines.

XIX MAGISTER EDUCATIONIS

ZAMUXOLO CHAMBERLAIN GEBEDA

Verhandeling: The teaching and learning of Xhosa as a foreign language in South African schools and universities, with special reference to efforts being made to speak, read and write the language.

COAX HONESTUS TAMSANQA LALENDE

*(met onderskeiding)**Verhandeling*: An Empirical Survey into the learning and social problems of the handicapped child with special reference to the Xhosa hard-of-hearing child.

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NIE-GEGRADUEERDE SERTIFIKATE

XX STAATSDIENSSERTIFIKAAT IN DIE REGTE

THOBA KILI

ABNERSON MOYISI SANDILE MAJEKE

DUMISANI SHYLOCK NDENGEZI

NKULULEKO NOGCANTSI

NIE-GEGRADUEERDE DIPLOMAS

XXI DIPLOMA IN SKONE KUNSTE

GCOTYELWA MADUBELA

XXII SEKONDERE ONDERWYSDIPLOMA

MBULELO GRATITUDE BADUZA

TOKOZILE MOYIWA

MDUDUZI PATRICK SITHOLE

ERSKINE VULINDLELA SIYENGO

XXIII DIPLOMA IN HANDEL EN ADMINISTRASIE

IMMANUEL NGATJIZEKO

GEGRADUEERDE DIPLOMAS

XXIV HOER DIPLOMA IN BIBLIOTEEKWETENSKAP

LUCY PEARL NOMAXABISO NKOSI

XXV UNIVERSITEITSONDERWYSDIPLOMA (GEGRADUEERD)

ALEXANDER WESLEY ZWELETHEMBA BOSMAN

LITHA HUBERT LUDIDI (*Onderskeiding in Xhosa Medium*)

MZAMO PHILLIP MANGAMALISO (*Onderskeidings in Metodieke van Natuur- en Skeikunde en Wiskunde*)

FUNGAI MUNASHE MAVUGARA (*Onderskeiding in Metodiek van Natuur- en Skeikunde en Wiskunde*)

AGREEMENT MINI

MONICA NDLWANA (*Onderskeiding in Vergelykende Opvoedkunde*)

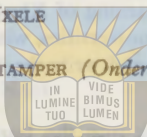
FLORENCE THOBEKA NGUMBELA

VICTOR MPUCUKO NONDABULA

PATRICIA JACQUELINE NOMVUYO NKELE

ELIZABETH MMADINKO SERETLO

BALDWIN ALEXANDER MTHOBI STAMPER (*Onderskeidings in Ligghamlike Opvoeding en Xhosa Medium*)



XXVI RAADSPRYS VIR UITSTAANDE AKADEMIESE PRESTASIE

GORDON LOYISO NONGXA

University of Fort Hare
Together in Excellence